



# TNR14 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-07142                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Name          | TNFRSF14 HVEA HVEM UNQ329/PRO509                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Name       | Tumor necrosis factor receptor superfamily member 14 (Herpes virus entry mediator A) (Herpesvirus entry mediator A) (HveA) (Tumor necrosis factor receptor-like 2) (TR2) (CD antigen CD270)                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 190-270                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity        | TNR14 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dilution           | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Observed Band      | 31kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cell Pathway       | Cell membrane ; Single-pass type I membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tissue Specificity | Widely expressed, with the highest expression in lung, spleen and thymus. Expressed in a subpopulation of B cells and monocytes (PubMed:18193050). Expressed in naive T cells (PubMed:19915044).                                                                                                                                                                                                                                                                                                                                                |
| Function           | function:Receptor for BTLA. Receptor for TNFSF14/LIGHT and homotrimeric TNFSF1/lymphotoxin-alpha. Involved in lymphocyte activation. Plays an important role in HSV pathogenesis because it enhanced the entry of several wild-type HSV strains of both serotypes into CHO cells, and mediated HSV entry into activated human T-cells.,PTM:N-glycosylated.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Interacts with TRAF2, TRAF3 and TRAF5.,tissue specificity:Widely expressed, with the highest expression in lung, spleen and thymus., |

Nanjing BYabscience technology Co.,Ltd



## Background

This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

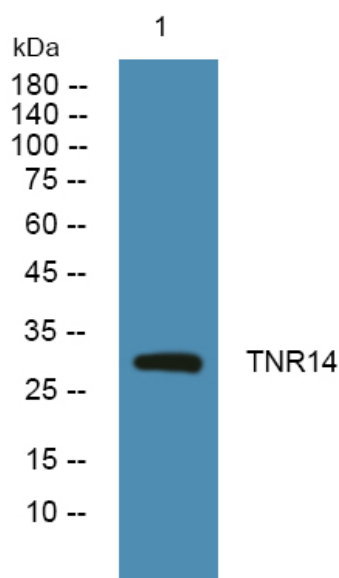
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night