



# Keratin 37/38 Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-19503                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>       | WB;ELISA;IHC                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>          | KRT37/KRT38                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Name</b>       | Keratin type I cuticular Ha7/Keratin type I cuticular Ha8                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human KRT37/38. AA range:201-250                                                                                                                                                                                                                                                    |
| <b>Specificity</b>        | Keratin 37/38 Polyclonal Antibody detects endogenous levels of Keratin 37/38 protein.                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                 |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                   |
| <b>Dilution</b>           | WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>           | KRT37; HHA7; HKA7; KRTHA7; Keratin; type I cuticular Ha7; Hair keratin, type I Ha7; Keratin-37; K37; KRT38; HHA8; HKA8; KRTHA8; Keratin, type I cuticular Ha8; Hair keratin, type I Ha8; Keratin-38; K38                                                                                                                                                |
| <b>Observed Band</b>      | 50kD                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cell Pathway</b>       | intermediate filament,extracellular exosome,                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b> | Scalp,                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>           | miscellaneous:There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic).,similarity:Belongs to the intermediate filament family.,                                                                                                                                                                                        |
| <b>Background</b>         | The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008], |

**Nanjing BYabscience technology Co.,Ltd**



**matters needing attention**

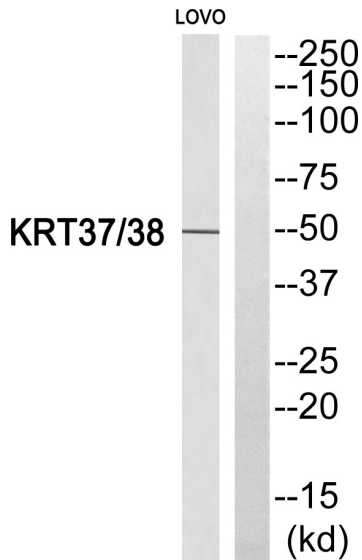
Avoid repeated freezing and thawing!

**Usage suggestions**

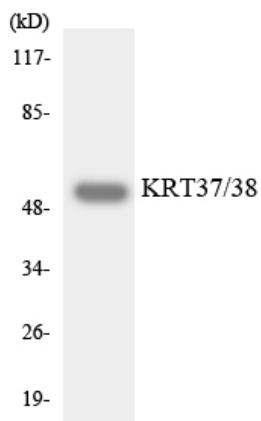
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



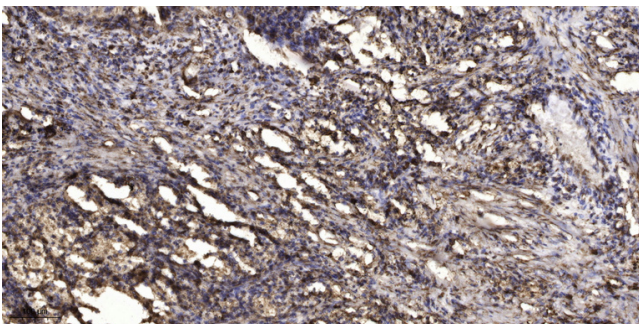
## Products Images



Western blot analysis of KRT37/38 Antibody. The lane on the right is blocked with the KRT37/38 peptide.



Western blot analysis of the lysates from HepG2 cells using KRT37/38 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).