



# ZKSC1 rabbit pAb

|                    |                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-07998                                                                                                                                                                                                                                                                                                                                                                |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity         | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                          |
| Applications       | WB                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Name          | ZKSCAN1 KOX18 ZNF139 ZNF36                                                                                                                                                                                                                                                                                                                                                |
| Protein Name       | ZKSC1                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen          | Synthesized peptide derived from human ZKSC1 AA range: 313-363                                                                                                                                                                                                                                                                                                            |
| Specificity        | This antibody detects endogenous levels of ZKSC1 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                       |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.112% sodium azide.                                                                                                                                                                                                                                                                                                  |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                    |
| Purification       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                 |
| Dilution           | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                             |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                   |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                      |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms           | Zinc finger protein with KRAB and SCAN domains 1 (Zinc finger protein 139) (Zinc finger protein 36) (Zinc finger protein KOX18)                                                                                                                                                                                                                                           |
| Observed Band      | 60kD                                                                                                                                                                                                                                                                                                                                                                      |
| Cell Pathway       | Nucleus .                                                                                                                                                                                                                                                                                                                                                                 |
| Tissue Specificity | Brain,Epithelium,Eye,Fetal kidney,Insulinoma,Lung,Lymphoid,Pancreas,Spleen,                                                                                                                                                                                                                                                                                               |
| Function           | function:May be involved in transcriptional regulation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 1 KRAB domain.,similarity:Contains 1 SCAN box domain.,similarity:Contains 6 C2H2-type zinc fingers.,                                                     |
| Background         | The ZKSCAN1 gene encodes a transcriptional regulator of the KRAB (Kruppel-associated box) subfamily of zinc finger proteins, which contain repeated Cys2-His2 (C2H2) zinc finger domains that are connected by conserved sequences, called H/C links (summarized by Tommerup and Vissing, 1995 [PubMed 7557990]). Transcriptional regulatory proteins containing tandemly |

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repeated zinc finger domains are thought to be involved in both normal and abnormal cellular proliferation and differentiation. See ZNF91 (MIM 603971) for general information on zinc finger proteins.[supplied by OMIM, Jul 2010],

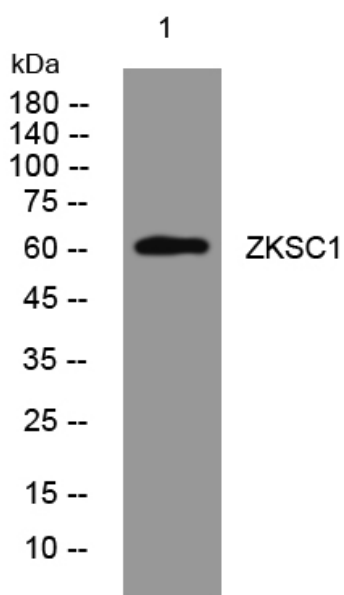
**matters needing attention**

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 MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night