



# ZKSC1 rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-07998                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Reactivity</b>                  | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                   | ZKSCAN1 KOX18 ZNF139 ZNF36                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                   | Synthesized peptide derived from human ZKSC1 AA range: 313-363                                                                                                                                                                                                                                                                                                                                                                |
| <b>Specificity</b>                 | This antibody detects endogenous levels of ZKSC1 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.112% sodium azide.                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                     |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>                    | 913423L19Rik;KOX18;MGC138429;MGC63357;OTTHUMP218;PHZ 37;PHZ-37; Zinc finger protein 139;Zinc finger protein 36 (KOX 18);Zinc finger protein 36; Zinc finger protein KOX18;Zinc finger protein with KRAB and SCAN domains 1; ZKSC1_HUMAN;ZKSCAN1;ZNF139;ZNF36;ZKSC1;ZKSCAN1 KOX18 ZNF139 ZNF36;Zinc finger protein with KRAB and SCAN domains 1 (Zinc finger protein 139) (Zinc finger protein 36) (Zinc finger protein KOX18) |
| <b>Observed Band</b>               | 60kD                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Calculated Molecular Weight</b> | 60kD                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cell Pathway</b>                | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>          | Brain,Epithelium,Eye,Fetal kidney,Insulinoma,Lung,Lymphoid,Pancreas,Spleen,                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                    | 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 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],

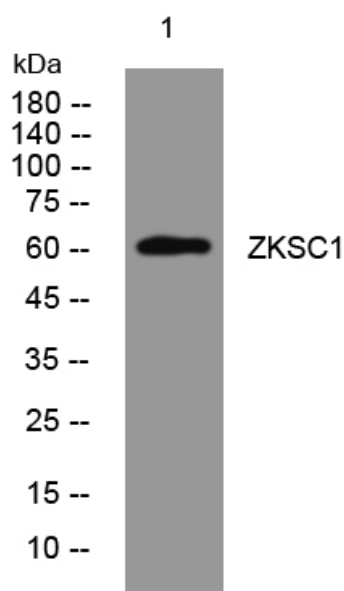
## matters needing attention

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