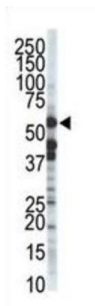
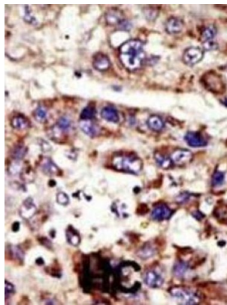


## CAAX Prenyl Protease 1 Homolog (ZMPSTE24) Antibody

Catalogue No.: abx031595



ZMPSTE24 is a zinc metalloprotease similar to yeast Ste24p. It is an integral membrane protein belonging to peptidase family M48 and is found in the endoplasmic reticulum and possibly in the Golgi compartment. It is thought to be involved in the proteolytic processing of farnesylated proteins.

**Target:** CAAX Prenyl Protease 1 Homolog (ZMPSTE24)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 440-470 amino acids from the C-terminal region of human ZMPSTE24.

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 3.0.0  
Revision date: 27 Mar 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification:</b>       | Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.    |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | O75844 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>NCBI Accession:</b>     | NP_005848.2                                                                                                                                |
| <b>KEGG:</b>               | hsa:10269                                                                                                                                  |
| <b>String:</b>             | <a href="#">9606.ENSP00000361845</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 54.8 kDa                                                                                                                    |
| <b>Buffer:</b>             | PBS containing 0.09% sodium azide.                                                                                                         |
| <b>Specificity:</b>        | Predicted to react with Mouse ZMPSTE24.                                                                                                    |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only