

Rabbit anti-Human, mouse ZMPSTE24 Polyclonal Antibody | anti-ZMPSTE24 antibody

ZMPSTE24 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290214	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

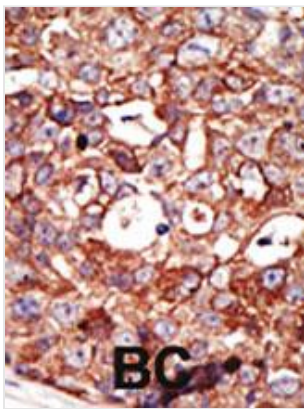
PRODUCT SYNONYMS

ZMPSTE24; Polyclonal Antibody; ZMPSTE24 Antibody (Center); CAAX prenyl protease 1 homolog; Farnesylated proteins-converting enzyme 1; FACE-1; Prenyl protein-specific endoprotease 1; Zinc metalloproteinase Ste24 homolog; FACE1; STE24; anti-ZMPSTE24 antibody

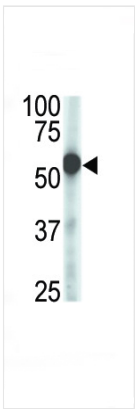
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ZMPSTE24 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 400-430 amino acids from the Central region of human ZMPSTE24.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	400-430
Sequence Length	475
Applicable Applications for anti-ZMPSTE24 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-ZMPSTE24 Pab is used in Western blot to detect ZMPSTE24 in mouse cerebellum tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ZMPSTE24 antibody	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.
Product Categories/Family for anti-ZMPSTE24 antibody	Cell Biology; Developmental Biology; Signal Transduction
References	Freije, J.M., et al., Genomics 58(3):270-280 (1999). Kumagai, H., et al., Biochim. Biophys. Acta 1426(3):468-474 (1999). Tam, A., et al., J. Cell Biol. 142(3):635-649 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	18379366
NCBI GeneID	10269
NCBI Accession #	NP_005848.2
NCBI GenBank Nucleotide #	NM_005857.4
UniProt Accession #	O75844; Q8NDZ8; Q9UBQ2; B3KQI7; D3DPU7
Molecular Weight	54813
NCBI Official Full Name	CAAX prenyl protease 1 homolog
NCBI Official Synonym Full Names	zinc metallopeptidase STE24
NCBI Official Symbol	ZMPSTE24
NCBI Official Synonym Symbols	HGPS; PRO1; FACE1; STE24; FACE-1; Ste24p
NCBI Protein Information	CAAX prenyl protease 1 homolog
UniProt Protein Name	CAAX prenyl protease 1 homolog
UniProt Gene Name	ZMPSTE24
UniProt Synonym Gene Names	FACE1; STE24; FACE-1
UniProt Entry Name	FACE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zmpste24-antibody-immunohistochemistry-western-blot-elisa/290214>