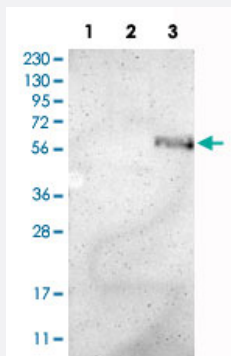


ZMPSTE24 polyclonal antibody

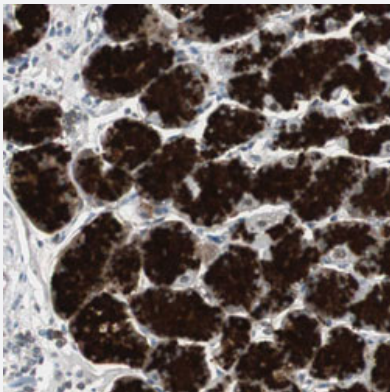
Catalog # PAB31382 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: RT-4 cell, Lane 2: U-251 MG sp cell and Lane 3: human plasma tissue (IgG/HSA depleted) lysates with ZMPSTE24 polyclonal antibody (Cat # PAB31382).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with ZMPSTE24 polyclonal antibody (Cat # PAB31382) shows strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ZMPSTE24.
Immunogen	Recombinant protein corresponding to human ZMPSTE24.
Sequence	KTTHVPPELGQIMDSETFEKSRLYQLDKSTFS
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: RT-4 cell, Lane 2: U-251 MG sp cell and Lane 3: human plasma tissue (IgG/HSA depleted) lysates with ZMPSTE24 polyclonal antibody (Cat # PAB31382).

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Gene Info — ZMPSTE24

Entrez GeneID	10269
Protein Accession#	O75844
Gene Name	ZMPSTE24
Gene Alias	FACE-1, FACE1, FLJ14968, STE24, Ste24p
Gene Description	zinc metalloproteinase (STE24 homolog, <i>S. cerevisiae</i>)
Omim ID	275210 606480 608612
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the peptidase M48A family. The encoded protein is a zinc metalloproteinase involved in the two step post-translational proteolytic cleavage of carboxy terminal residues of farnesylated prelamin A to form mature lamin A. Mutations in this gene have been associated with mandibuloacral dysplasia and restrictive dermopathy. [provided by RefSeq]

Other Designations

CAAX prenyl protease|OTTHUMP00000006394|farnesylated-proteins converting enzyme 1|prenyl
I protein-specific endoprotease 1|zinc metalloproteinase STE24

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)