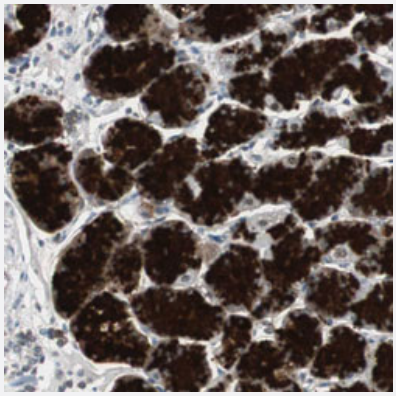
ZMPSTE24 polyclonal antibody

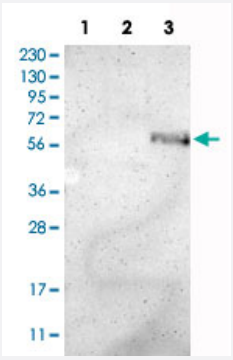
Catalog # PAB31382 Size 100 uL

Applications



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.



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).

Specification

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

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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 shoul d be handled by trained staff only.

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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 metallopeptidase (STE24 homolog, S. cerevisiae)
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 metall oproteinase involved in the two step post-translational proteolytic cleavage of carboxy terminal res idues of farnesylated prelamin A to form mature lamin A. Mutations in this gene have been associ ated with mandibuloacral dysplasia and restrictive dermopathy. [provided by RefSeq

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

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Metabolic Syndrome X

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