9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

ZMPSTE24 polyclonal antibody

Catalog Number: PAB4318

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of ZMPSTE24.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human ZMPSTE24.

Host: Rabbit

Reactivity: Human

Applications: ELISA, IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein G purification

Recommend Usage: ELISA (1:1000)
Western Blot (1:100-500)
Immunohistochemistry (1:50-100)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10269

Gene Symbol: ZMPSTE24

Gene Alias: FACE-1, FACE1, FLJ14968, STE24, Ste24p

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]

References:

1. Identification and chromosomal location of two human genes encoding enzymes potentially involved in proteolytic maturation of farnesylated proteins. Freije JM, Blay P, Pendas AM, Cadinanos J, Crespo P, Lopez-Otin C. Genomics. 1999 Jun 15;58(3):270-80.
2. Identification of a human cDNA encoding a novel protein structurally related to the yeast membrane-associated metalloprotease, Ste24p. Kumagai H, Kawamura Y, Yanagisawa K, Komano H. Biochim Biophys Acta. 1999 Feb 2;1426(3):468-74.
3. Dual roles for Ste24p in yeast a-factor maturation: NH2-terminal proteolysis and COOH-terminal CAAX processing. Tam A, Nouvet FJ, Fujimura-Kamada K, Slunt H, Sisodia SS, Michaelis S. J Cell Biol. 1998 Aug 10;142(3):635-49.