

MMP-23 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50697

Specification

MMP-23 Antibody - Product Information

Application	WB
Primary Accession	O75900
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44-48-46 KDa
Antigen Region	362-390

MMP-23 Antibody - Additional Information

Gene ID 8510

Other Names

Matrix metalloproteinase-23, MMP-23, 3424-, Femalysin, MIFR-1, Matrix metalloproteinase-21, MMP-21, Matrix metalloproteinase-22, MMP-22, Matrix metalloproteinase-23, soluble form, MMP23A, MMP21

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

MMP-23 Antibody - Protein Information

Name MMP23B

Synonyms MMP21, MMP22

Function

Protease. May regulate the surface expression of some potassium channels by retaining them in the endoplasmic reticulum (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein. Membrane; Single-pass type II membrane protein. Note=A secreted form produced by proteolytic cleavage may also exist.

Tissue Location

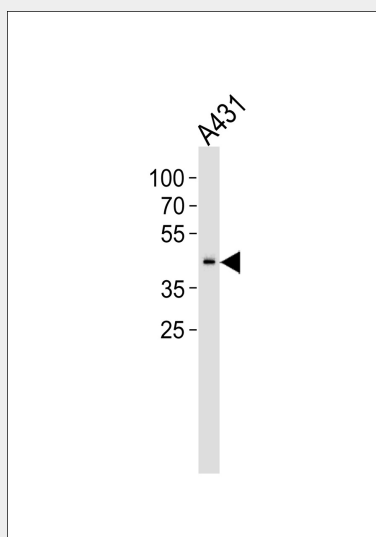
Predominantly expressed in ovary, testis and prostate.

MMP-23 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MMP-23 Antibody - Images



Western blot analysis of lysate from A431 cell line, using MMP-23 Antibody (AP50697). AP50697 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

MMP-23 Antibody - Background

Protease. May regulate the surface expression of some potassium channels by retaining them in the endoplasmic reticulum (By similarity).

MMP-23 Antibody - References

- Gururajan R., et al. Genomics 52:101-106(1998).
Velasco G., et al. J. Biol. Chem. 274:4570-4576(1999).
Ohnishi J., et al. Mol. Endocrinol. 15:747-764(2001).
Gregory S.G., et al. Nature 441:315-321(2006).