

MF12 / p97 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11176**Specification**

MF12 / p97 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	P08582
Reactivity	Human, Mouse, Hamster, Monkey, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80kDa KDa

MF12 / p97 Antibody (N-Terminus) - Additional Information**Gene ID** 4241**Other Names**

Melanotransferrin, Melanoma-associated antigen p97, CD228, MF12, MAP97

Target/Specificity

Human MF12. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

MF12 / p97 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

MF12 / p97 Antibody (N-Terminus) - Protein Information**Name** MELTF ([HGNC:7037](#))**Synonyms** MAP97, MF12**Function**

Involved in iron cellular uptake. Seems to be internalized and then recycled back to the cell membrane. Binds a single atom of iron per subunit. Could also bind zinc.

Cellular Location

[Isoform 1]: Cell membrane; Lipid-anchor, GPI- anchor

Tissue Location

Found predominantly in human melanomas and in certain fetal tissues; also found in liver, epithelium, umbilical chord, placenta and sweat gland ducts

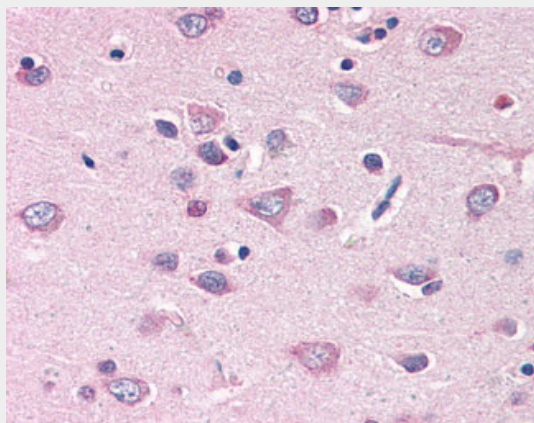
Volume
50 µl

MF12 / p97 Antibody (N-Terminus) - 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](#)

MF12 / p97 Antibody (N-Terminus) - Images



Anti-MF12 antibody ALS11176 IHC of human brain, cortex.

MF12 / p97 Antibody (N-Terminus) - Background

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MF12 / p97 Antibody (N-Terminus) - References

Rose T.M., et al. Proc. Natl. Acad. Sci. U.S.A. 83:1261-1265(1986).
Muzny D.M., et al. Nature 440:1194-1198(2006).
Furukawa K.S., et al. J. Exp. Med. 169:585-590(1989).
Food M.R., et al. J. Biol. Chem. 269:3034-3040(1994).
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