

Mfsd7b antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13723**Specification**

Mfsd7b antibody - middle region - Product Information

Application	WB
Primary Accession	B2RXV4
Other Accession	NM_001081259 , NP_001074728
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Mouse
Clonality	Rabbit
Calculated MW	Polyclonal 60kDa KDa

Mfsd7b antibody - middle region - Additional Information**Gene ID** 226844**Alias Symbol** 9630055N22Rik, FLVCR, Flvcr1**Other Names**

Feline leukemia virus subgroup C receptor-related protein 1, Feline leukemia virus subgroup C receptor, Major facilitator superfamily domain containing 7B, Mfsd7b, Flvcr1, Mfsd7b

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Mfsd7b antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Mfsd7b antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Mfsd7b antibody - middle region - Protein Information**Name** Flvcr1**Synonyms** Mfsd7b**Function**

[Isoform 1]: Heme b transporter that mediates heme efflux from the cytoplasm to the extracellular compartment. Heme export depends on the presence of HPX and is required to maintain intracellular free heme balance, protecting cells from heme toxicity. Heme export provides protection from heme or ferrous iron toxicities in liver, brain, sensory neurons and during erythropoiesis, a process in which heme synthesis intensifies. Possibly export coproporphyrin and

protoporphyrin IX, which are both intermediate products in the heme biosynthetic pathway. Does not export bilirubin. The molecular mechanism of heme transport, whether electrogenic, electroneutral or coupled to other ions, remains to be elucidated.

Cellular Location

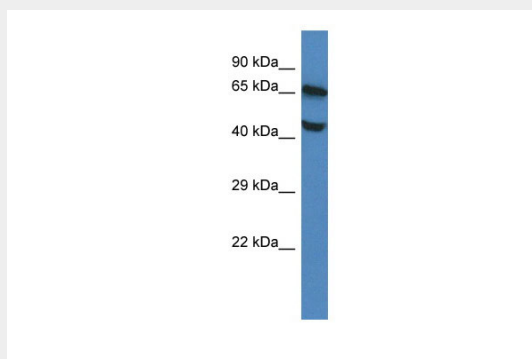
[Isoform 1]: Cell membrane; Multi-pass membrane protein

Mfsd7b antibody - middle region - 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](#)

Mfsd7b antibody - middle region - Images



WB Suggested Anti-Mfsd7b Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Brain

Mfsd7b antibody - middle region - References

Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).
Keel S.B., et al. Science 319:825-828(2008).
Chiabrando D., et al. J. Clin. Invest. 122:4569-4579(2012).