Mfsd2a Rabbit pAb

Catalog NO.: A18288 **1 Publications**

Basic Information

Observed MW
60-70kDa

Calculated MW
59kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human, Mouse, Rat

Background

Enables fatty acid transmembrane transporter activity; lysophosphatidylcholine flippase activity; and lysophospholipid:sodium symporter activity. Involved in central nervous system development; lipid transport; and transcytosis. Acts upstream of or within several processes, including photoreceptor cell development; regulation of lipid metabolic process; and retina development in camera-type eye. Located in plasma membrane. Is integral component of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; integumental system; and sensory organ. Human ortholog(s) of this gene implicated in primary autosomal recessive microcephaly 15. Orthologous to human MFSD2A (major facilitator superfamily domain containing 2A).

Recommended Dilutions

WB 1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
76574

Swiss Prot
Q9DA75

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
NLS1; Mfsd2; 1700018O18Rik; Mfsd2a

Contact

Product Information

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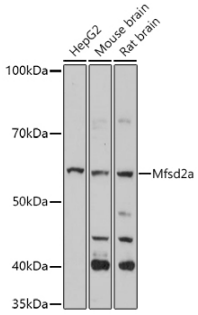
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Mfsd2a Rabbit pAb (A18288) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 120s.

For research use only. Not for therapeutic or diagnostic purposes.

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