

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:500-1:2000,
IHC:1:25-1:100

Protein Background:

Functions in nuclear protein import as an adapter protein for nuclear receptor KPNB1. Binds specifically and directly to substrates containing either a simple or bipartite NLS motif. Docking of the importin/substrate complex to the nuclear pore complex (NPC) is mediated by KPNB1 through binding to nucleoporin FxFG repeats and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to importin-beta and the three components separate and importin-alpha and -beta are re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran from importin. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus. In vitro, mediates the nuclear import of human cytomegalovirus UL84 by recognizing a non-classical NLS. In vitro, mediates the nuclear import of human cytomegalovirus UL84 by recognizing a non-classical NLS.

Gene ID:

MFSD2A

Uniprot

Q8NA29

Synonyms:

major facilitator superfamily domain containing 2A

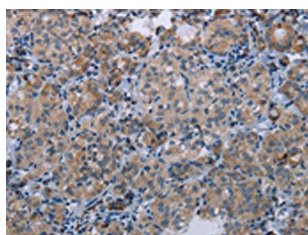
Immunogen:

Synthetic peptide of human MFSD2A.

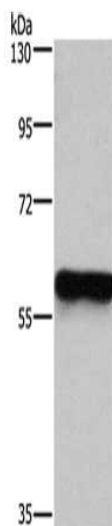
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

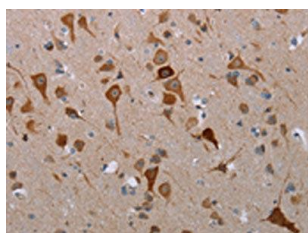
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO20007(MFSD2A Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane: Human thyroid cancer tissue, Primary antibody: PACO20007(MFSD2A Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO20007(MFSD2A Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).