MFSD2A Antibody

Catalog No: #37724

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

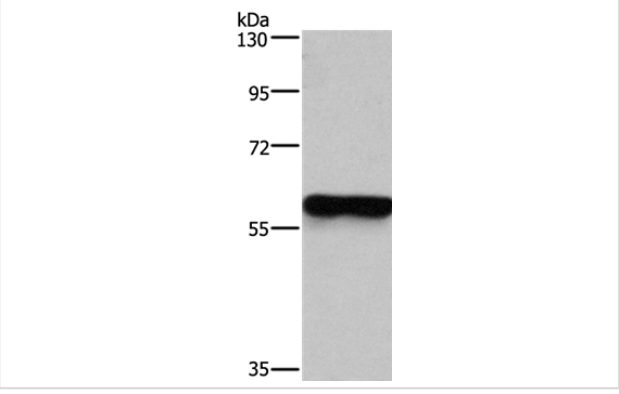
Product Name	MFSD2A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MFSD2A protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human major facilitator superfamily domain containing 2A
Target Name	MFSD2A
Other Names	MFSD2
Accession No.	Swiss-Prot#: Q8NA29NCBI Gene ID: 84879Gene Accssion: NP_001129965
Uniprot	Q8NA29
GeneID	84879;
SDS-PAGE MW	60kd
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

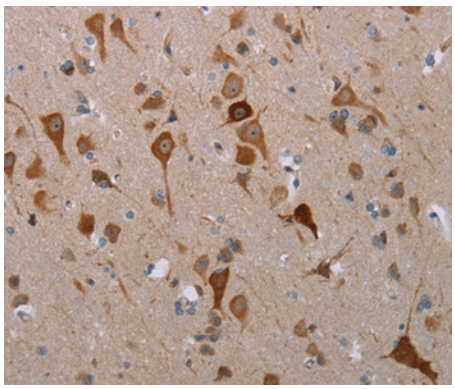
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Human thyroid cancer tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/250 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37724 at dilution 1/25.

Background

MFSD2 (major facilitator superfamily domain containing 2), also known as MFSD2A, is a 543 amino acid multi-pass membrane protein of the endoplasmic reticulum that is involved in beta-adrenergic signaling during thermogenesis. Existing as three alternatively spliced isoforms, MFSD2 plays a role in G1 regulation and is encoded by a gene that maps to human chromosome 1p34.2. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, ParkinsonB‘B—s disease, Gaucher disease, schizophrenia and Usher syndrome.

Note: This product is for in vitro research use only