

ARG44479 anti-MFSD12 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MFSD12
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MFSD12
Species	Human
Immunogen	Human MFSD12 recombinant protein
Conjugation	Un-conjugated
Alternate Names	MFSD12; Major Facilitator Superfamily Domain Containing 12; C19orf28; PP3501; Major Facilitator Superfamily Domain-Containing Protein 12; MGC20700; SLC59B1; Chromosome 19 Open Reading Frame 28

Application Instructions

Application table	Application	Dilution
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

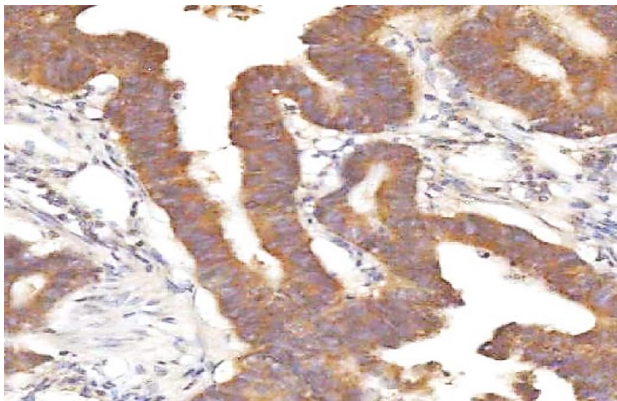
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

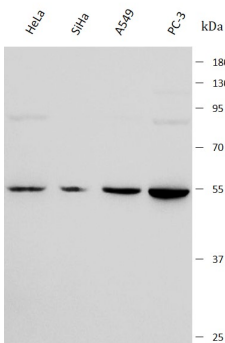
Gene Symbol	MFSD12
Gene Full Name	Major Facilitator Superfamily Domain Containing 12
Background	Enables cysteine transmembrane transporter activity. Involved in cysteine transmembrane transport; pigment metabolic process involved in pigmentation; and regulation of melanin biosynthetic process. Located in lysosome and melanosome. Part of late endosome.
Function	Transporter that mediates the import of cysteine into melanosomes, thereby regulating skin pigmentation.
Calculated Mw	52 kDa
PTM	Acetylation
Cellular Localization	Lysosome, Membrane

Images



ARG44479 anti-MFSD12 antibody IHC-P image

Immunohistochemistry: Human colon adenocarcinoma stained with ARG44479 anti-MFSD12 antibody at 2 µg/mL dilution.



ARG44479 anti-MFSD12 antibody WB image

Western blot: HeLa, SiHa, A549 and PC-3 stained with ARG44479 anti-MFSD12 antibody at 0.5 µg/mL dilution.