

Anti-IGSF9 Polyclonal Antibody

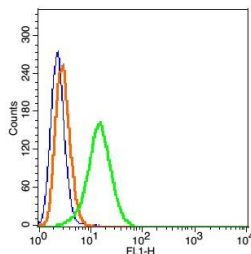
Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit)
Molecular Weight:	Theoretical: 124 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

Blank control (blue): Hepg2 Cells (fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-IGSF9/FITC Conjugated antibody (TMAB-00926/FITC), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/FITC (orange), used under the same conditions.



Application:	FCM
Recommended	FCM: 1 µg /Test

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human IGSF9
Antigen Species:	Human
Gene ID:	57549
Uniprot ID:	Q9P2J2
Synonyms:	Nrt1;Immunoglobulin superfamily member 9A;Ncaml;Dasm1;IGSF9A;immunoglobulin superfamily, member 9;TUTLA;Protein turtle homolog A;IGSF9 immunoglobulin superfamily, member 9;Dendrite arborization and synapse maturation protein 1
Biology Area:	Other Antibodies

Research Background

Ig (immunoglobulin) superfamily members exhibit functional characteristics including immune responses, growth factor signaling and cell adhesion. IGSF9 (immunoglobulin superfamily, member 9), also known as Nrt1 or IGSF9A, is a 1,179 amino acid single-pass type I membrane protein expressed in a wide variety of fetal tissues at eight and fourteen weeks of gestation. Belonging to the immunoglobulin superfamily and the Turtle family, IGSF9 is thought to

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play a role in dendrite outgrowth and synapse maturation. IGSF9 contains two fibronectin type-III domains and five Ig-like (immunoglobulin-like) domains. IGSF9 interacts with MAGI-2 and Shank 1, both of which contain SH3 (Src-homology 3) domains. Protein-protein interactions are central events in cellular signal transduction and are often mediated by SH3 domains. IGSF9 is encoded by a gene located on human chromosome 1q23.2 and mouse chromosome 1 H3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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