

KD-Validated Anti-Synaptosome Associated Protein 29 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1718

Product Information

Application	WB, FC, ICC
Primary Accession	O95721
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1855
Calculated MW	28970
Gene Name	SNAP29
Aliases	SNAP29; Synaptosome Associated Protein 29; SNAP-29; Soluble 29 KDa NSF Attachment Protein; CEDNIK; Cerebral Dysgenesis, Neuropathy, Ichthyosis And Keratoderma Syndrome; Vesicle-Membrane Fusion Protein SNAP-29; Synaptosomal-Associated Protein, 29kDa; Synaptosomal-Associated Protein 29; Synaptosomal-Associated Protein, 29kD; Synaptosome Associated Protein 29kDa
Immunogen	A synthesized peptide derived from human SNAP29

Additional Information

Gene ID	9342
Other Names	Synaptosomal-associated protein 29 {ECO:0000312 HGNC:HGNC:11133}, SNAP-29 {ECO:0000312 HGNC:HGNC:11133}, Soluble 29 kDa NSF attachment protein {ECO:0000312 HGNC:HGNC:11133}, Vesicle-membrane fusion protein SNAP-29, SNAP29 (HGNC:11133)

Protein Information

Name	SNAP29 (HGNC:11133)
Function	SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion. SNAP29 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. Also plays a role in ciliogenesis by regulating membrane fusions.
Cellular Location	Cytoplasm. Golgi apparatus membrane {ECO:0000250 UniProtKB:Q9Z2P6}; Peripheral membrane protein. Cytoplasmic vesicle, autophagosome membrane; Peripheral membrane protein. Cell projection, cilium membrane;

Peripheral membrane protein. Note=Appears to be mostly membrane-bound, probably via interaction with syntaxins, but a significant portion is cytoplasmic Localizes to the ciliary pocket from where the cilium protrudes

Tissue Location

Found in brain, heart, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas

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