

Product datasheet for **TA309307**

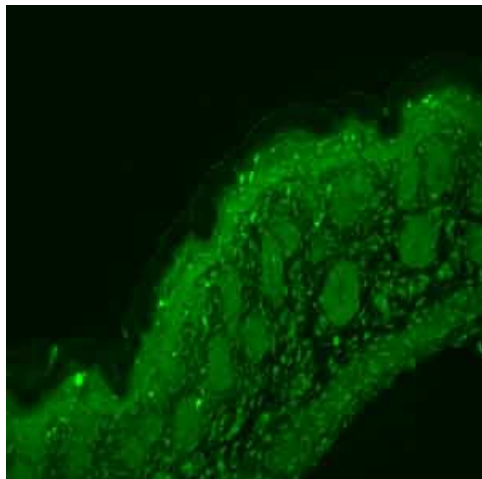
CaV1.3 (CACNA1D) Mouse Monoclonal Antibody [Clone ID: S48A-9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S48A-9
Applications:	IF
Recommended Dilution:	WB: 1-10ug/ml, IHC: 0.1-1.0ug/ml, IF: 1.0-10ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 859-875 of rat Cav1.3, accession numbr P27732
Formulation:	PBS pH7.4, 50% glycerol
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	calcium voltage-gated channel subunit alpha1 D
Database Link:	NP_000711 Entrez Gene 12289 Mouse Entrez Gene 29716 Rat Entrez Gene 776 Human Q01668
Synonyms:	CACH3; CACN4; CACNL1A2; Cav1.3; CCHL1A2; PASNA; SANDD
Note:	Detects ~250kDa. No cross-reactivity against Cav1.2
Protein Families:	Druggable Genome, Ion Channels: Calcium, Transmembrane
Protein Pathways:	Alzheimer's disease, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Calcium signaling pathway, Cardiac muscle contraction, Dilated cardiomyopathy, GnRH signaling pathway, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway, Type II diabetes mellitus, Vascular smooth muscle contraction



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Product images:

IF detection of Cav1.3 using Anti-Cav1.3 monoclonal antibody (TA309307) on human hippocampal tissues.