

Immunotag™ CACNA1H Antibody

Antibody Specification	
Catalog No.	ITA5493
Product Description	Immunotag™ CACNA1H Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	CACNA1H
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	CACNA1H Antibody detects endogenous levels of total CACNA1H
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CACNA1H
Accession No.	O95180

Antibody Specification

Alternate Names	Alpha1 3.2; Alpha13.2; CAC1H_HUMAN; CACNA 1H; CACNA1 H; CACNA1 HB; Cacna1h; CACNA1HB; Calcium channel alpha13.2 subunit; Calcium channel voltage dependent T type alpha 1H subunit; Calcium channel, voltage-dependent, T type, alpha 1Hb subunit; Cav 3.2; Cav T.2; Cav3.2; CavT.2; EIG 6; EIG6; Low voltage activated calcium channel alpha 13.2 subunit; Low voltage activated calcium channel alpha1 3.2 subunit; Low-voltage-activated calcium channel alpha1 3.2 subunit; MNCb 1209; T type Cav3.2; Voltage dependent t type calcium channel alpha 1H subunit; Voltage gated calcium channel alpha subunit Cav 3.2; Voltage gated calcium channel alpha subunit Cav T.2; Voltage gated calcium channel alpha subunit Cav3.2; Voltage gated calcium channel alpha subunit CavT.2; Voltage-dependent T-type calcium channel subunit alpha-1H; Voltage-gated calcium channel subunit alpha Cav3.2;
Description	Voltage-sensitive calcium channel that gives rise to T-type calcium currents. T-type calcium channels belong to the "low-voltage activated (LVA)" group. A particularity of this type of channel is an opening at quite negative potentials, and a voltage-dependent inactivation (PubMed:9670923, PubMed:9930755, PubMed:27149520). T-type channels serve pacemaking functions in both central neurons and cardiac nodal cells and support calcium signaling in secretory cells and vascular smooth muscle (Probable). They may also be involved in the modulation of firing patterns of neurons (PubMed:15048902). In the adrenal zona glomerulosa, participates in the signaling pathway leading to aldosterone production in response to either AGT/angiotensin II, or hyperkalemia (PubMed:25907736, PubMed:27729216).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	259 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.