

## Immunotag™ Calretinin Polyclonal Antibody

### Antibody Specification

Catalog No.	ITT0621
Product Description	Immunotag™ Calretinin Polyclonal Antibody
Size	50 µg, 100 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	Calretinin
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Calretinin, at AA range: 180-260
Specificity	Calretinin Polyclonal Antibody detects endogenous levels of Calretinin protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	CALB2
Accession No.	P22676 Q08331 P47728
Alternate Names	CALB2; CAB29; Calretinin; CR; 29 kDa calbindin

## Antibody Specification

Description	calbindin 2(CALB2) Homo sapiens This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010].
Protein Expression	Adipose tissue,Cerebellum,Colon,
Subcellular Localization	nucleus, cytoplasm, cytosol, gap junction, neuron projection, terminal bouton, synapse,
Protein Function	function: Calretinin is a calcium-binding protein which is abundant in auditory neurons., online information: Calbindin entry, similarity: Belongs to the calbindin family., similarity: Contains 6 EF-hand domains., tissue specificity: Brain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.