

## Calretinin Polyclonal Antibody

<b>Catalog No :</b>	YT5741
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Calretinin
<b>Gene Name :</b>	CALB2
<b>Protein Name :</b>	calbindin 2
<b>Human Gene Id :</b>	794
<b>Human Swiss Prot No :</b>	P22676
<b>Mouse Gene Id :</b>	12308
<b>Mouse Swiss Prot No :</b>	Q08331
<b>Rat Swiss Prot No :</b>	P47728
<b>Immunogen :</b>	Synthesized peptide derived from calbindin 2 at AA range: 191-240
<b>Specificity :</b>	Calretinin Polyclonal Antibody detects endogenous levels of calbindin 2
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 32kD

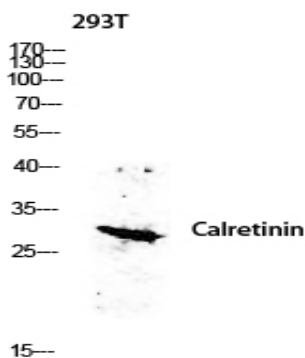
**Background :** This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium 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],

**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.,

**Subcellular Location :** nucleus,cytoplasm,cytosol,gap junction,neuron projection,terminal bouton,synapse,

**Expression :** Brain.

## Products Images



Western blot analysis of 293T lysis using CALB2 antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000