## Calretinin Polyclonal Antibody

**Catalog No :** YT5741

**Reactivity :** Human;Mouse;Rat

**Applications :** WB;IHC;IF;ELISA

**Target :** Calretinin

**Gene Name :** CALB2

**Protein Name :** calbindin 2

**Human Gene Id :** 794

**Human Swiss Prot No :** P22676

**Mouse Gene Id :** 12308

**Mouse Swiss Prot No :** Q08331

**Rat Swiss Prot No :** P47728

**Immunogen :** Synthesized peptide derived from calbindin 2 at AA range: 191-240

**Specificity :** Calretinin Polyclonal Antibody detects endogenous levels of calbindin 2

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Source :** Polyclonal, Rabbit,IgG

**Dilution :** WB 1:500 - 1:2000. ELISA: 1:10000.. IF 1:50-200

**Purification :** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration :** 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
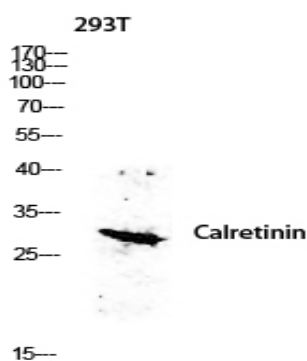


Western blot analysis of 293T lysis using CALB2 antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000