

Product datasheet for **TA349732**

Calbindin (CALB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain and kidney tissue, human fetal brain tissue IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CALB1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	calbindin 1
Database Link:	NP_004920 Entrez Gene 12307 Mouse Entrez Gene 83839 Rat Entrez Gene 793 Human P05937



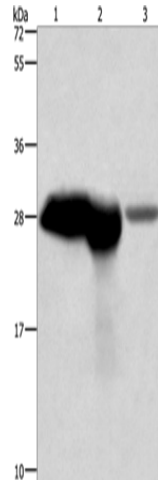
[View online »](#)

Background:

Calbindin is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. In the brain, its synthesis is independent of vitamin-D-derived hormones. Calbindin contains 4 active calcium-binding domains, and 2 modified domains that presumably have lost their calcium-binding capacity. The neurons in brains of patients with Huntington disease are calbindin-depleted.

Synonyms:

CALB; D-28K

Product images:


Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-3: Mouse brain tissue

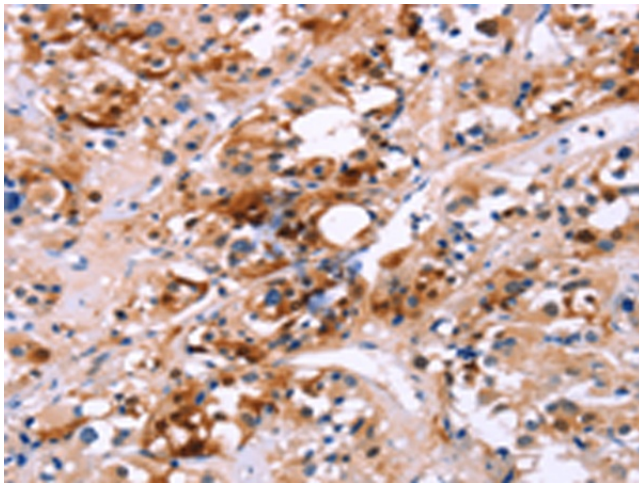
Mouse kidney tissue

human fetal brain tissue

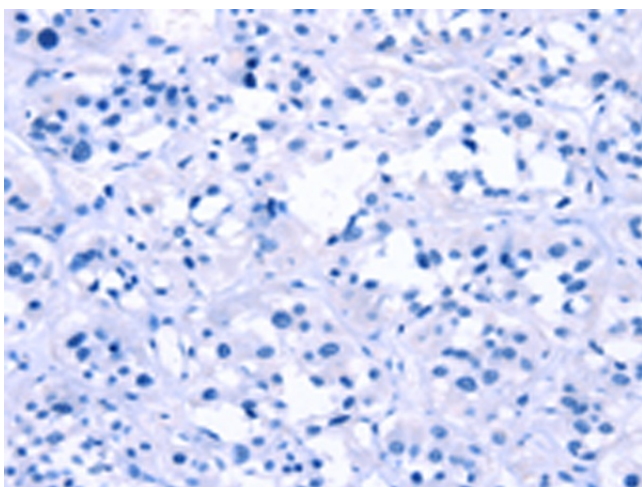
Primary antibody: TA349732 (CALB1 Antibody) at dilution 1/750

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349732 (CALB1 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349732 (CALB1 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)