



Anti-Calb2 polyclonal antibody (CPBT-66092SG)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

This product recognises calretinin, a 29kDa calcium binding protein found mostly in the central nervous system and retina. It is a cytoplasmic protein involved in the regulation of calcium concentration, which is important in the regulation of a large variety of neuronal functions, including neurotransmitter release, ionic channel permeability, enzyme activity, and gene transcription. Mice deficient in calretinin show impairment in motor coordination. Calretinin has also been shown as a sensitive and specific marker for mast cells. Western Blotting detects a band of approximately 29kDa in rat cerebellum.

Specificity	CALB2
Immunogen	Purified guinea pig calretinin
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Guinea pig, Human, Mouse, Primates, Rat
Conjugate	Unconjugated
Applications	IHC-Fr; WB
Format	Purified IgG - liquid
Size	100 µl
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Calb2 calbindin 2 [Mus musculus (house mouse)]
Official Symbol	Calb2
Synonyms	CALB2; calbindin 2; calretinin; CR;
Entrez Gene ID	12308
Protein Refseq	NP_031612.1
UniProt ID	Q08331
Chromosome Location	8; 8 E1
Function	calcium ion binding; metal ion binding