

Datasheet for ABIN7236419

anti-CALB1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	CALB1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of human CALB1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CALB1
Alternative Name:	CALB1 (CALB1 Products)
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

Target Details

	capacity. The neurons in brains of patients with Huntington disease are calbindin-depleted.
Molecular Weight:	30 kDa
NCBI Accession:	NP_004920
UniProt:	P05937

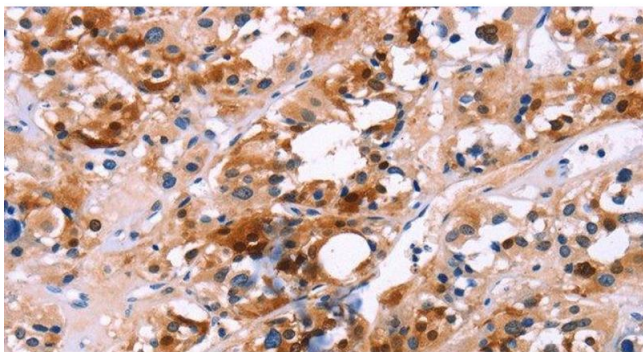
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

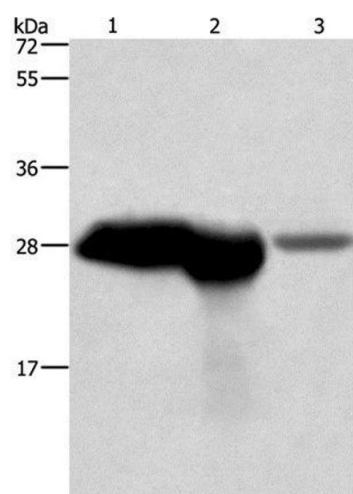
Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer using CALB1 Polyclonal Antibody at dilution of 1:60



Western Blotting

Image 2. Western Blot analysis of Mouse brain and kidney tissue, Human fetal brain tissue using CALB1 Polyclonal Antibody at dilution of 1:750