

Datasheet for ABIN2788334
anti-CALB1 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	CALB1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CALB1
Sequence:	EFNKAFELYD QDNGYIDEN ELDALLKDLC EKNKQDLIN NITTYKKNIM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CALB1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CALB1
Alternative Name:	CALB1 (CALB1 Products)

Target Details

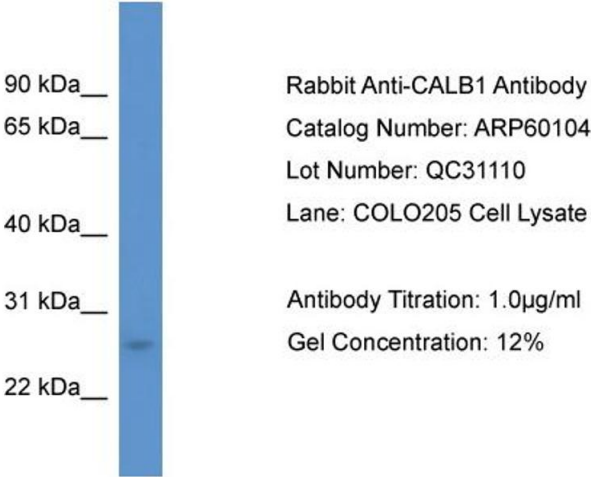
Background:	<p>Calbindin is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. In the brain, its synthesis is independent of vitamin-D-derived hormones. Calbindin contains 4 active calcium-binding 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.</p> <p>Alias Symbols: CALB</p> <p>Protein Interaction Partner: IQCB1, CACNA1D, IKBKG, TRPV6, TRPV5, RANBP9, IMPA1,</p> <p>Protein Size: 261</p>
Molecular Weight:	30 kDa
Gene ID:	793
NCBI Accession:	NM_004929 , NP_004920
UniProt:	P05937

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 261 AA
Restrictions:	For Research Use only

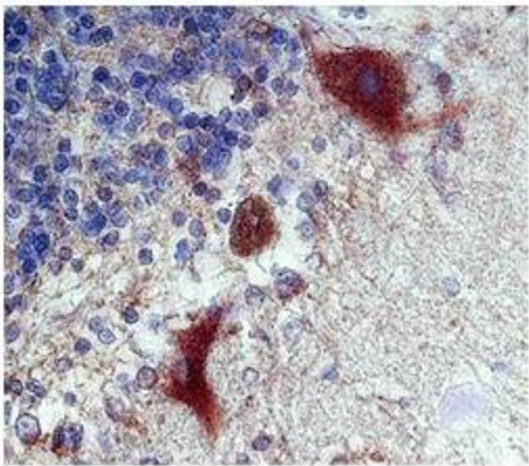
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

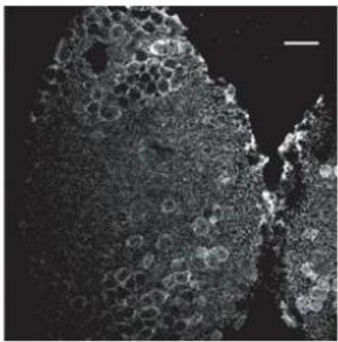
Image 1.



Immunohistochemistry

Image 2. CALB1 Antibody (ARP60104_P050) tested with human Purkinje fibers in Immunohistochemistry

CALB1



Immunohistochemistry

Image 3. Primary Antibody Dilution: 1:500

Secondary Antibody: Donkey anti-rabbit Alexa 488

Secondary Antibody Dilution: 1:000

Gene Name: CALB1

Submitted by: Anonymous

See IHC 5 Data and Customer Feedback for more information

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2788334.