

Datasheet for ABIN5516575 **anti-CALB1 antibody (N-Term)**

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Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CALB1
Sequence:	ENFLLLFRCQ QLKSCSEEFMK TWRKYDTHS GFITEELKN FLKDLLEKAN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
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: The protein encoded by this gene is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. Originally described as a 27 kDa protein, it is now known to be a 28 kDa protein. It contains four active calcium-binding domains, and has two modified domains that are thought to have lost their calcium binding capability. This protein is thought to buffer entry of calcium upon stimulation of glutamate receptors. Depletion of this protein was noted in patients with Huntington disease.

Alias Symbols: CAB27

Protein Interaction Partner: IQCB1, CACNA1D, IKBKG, TRPV6, TRPV5, RANBP9, IMPA1,

Protein Size: 261

Gene ID: 793

NCBI Accession: [NP_004920](#)

UniProt: [P05937](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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.

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.