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Datasheet for ABIN6260403

## anti-Calretinin antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	Calretinin (CALB2)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calretinin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human Calretinin, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Calretinin Antibody detects endogenous levels of total Calretinin.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	Calretinin (CALB2)
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## Target Details

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Alternative Name:	CALB2 ( <a href="#">CALB2 Products</a> )
Background:	Description: Calretinin is a calcium-binding protein which is abundant in auditory neurons. Gene: CALB2
Molecular Weight:	31 kDa
Gene ID:	794
UniProt:	<a href="#">P22676</a>

## Application Details

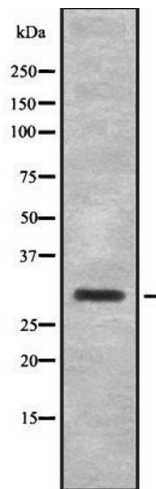
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Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot analysis of CALB2 using RAW264.7 whole lysates



### Immunofluorescence (fixed cells)

**Image 2.** ABIN6277987 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody