

Datasheet for ABIN6936563
anti-Calretinin antibody (AA 23-242)



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Overview

Quantity:	100 µg
Target:	Calretinin (CALB2)
Binding Specificity:	AA 23-242
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calretinin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant human Calretinin (Calbindin 2) protein fragment (around aa23-242) (exact sequence is proprietary)
Clone:	CALB2-2602
Isotype:	IgG1 kappa
Specificity:	It recognizes a protein of about 29 kDa, which is identified as Calretinin (also known as Calbindin 2). Calretinin is a vitamin D-dependent calcium-binding protein involved in calcium signaling. It is present in subsets of neurons throughout the brain and spinal chord, including sensory ganglia. Antibody to calretinin is useful in differentiating mesothelioma from adenocarcinomas of the lung. It also aids in differentiating adrenal cortical neoplasms from pheochromocytomas.
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: Calretinin (CALB2)

Alternative Name: CALB2 ([CALB2 Products](#))

Background: 29 kDa calbindin, CAB29, CAL2, CALB2, Calbindin 2, Calbindin D29K, Calretinin, CR, Calretinin / Calbindin 2 (Mesothelioma Marker)
Cellular localisation: Cytoplasmic and Nuclear

Molecular Weight: 29kDa

Gene ID: 794, 106857

UniProt: [P22676](#)

Application Details

Application Notes: Known_Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.
Positive_Control: Brain, Testis or Mesothelioma.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months