

Datasheet for ABIN6654490
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:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A portion of amino acids 23-242 from the human protein was used as the immunogen for the Calretinin antibody.
Clone:	CALB2-2603
Isotype:	IgG
Purification:	Purified
Purity:	Protein G affinity

Target Details

Target:	Calretinin (CALB2)
Alternative Name:	Calbindin 2 / CALB2 / Calretinin (CALB2 Products)

Target Details

Background:	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.
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Application Details

Application Notes:	Optimal dilution of the Calretinin antibody should be determined by the researcher. 1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. Immunohistochemistry (FFPE): 1-2 µg/mL for 30 min at RT,Prediluted IHC only format: incubate for 30 min at RT (1)
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Restrictions:	For Research Use only
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Handling

Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Calretinin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).