

Datasheet for ABIN372593
anti-Calretinin antibody



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Overview

Quantity:	0.1 mL
Target:	Calretinin (CALB2)
Reactivity:	Human, Mouse, Rat, Non-Human Primate
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Calretinin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified Guinea pig Calretinin.
Isotype:	IgG
Specificity:	Specific for the ~29 kDa Calretinin protein in Western blots.
Cross-Reactivity (Details):	Species reactivity (expected): Human, Mouse and non-Human Primates. Species reactivity (tested): Rat.
Purification:	Protein A Chromatography.

Target Details

Target:	Calretinin (CALB2)
Alternative Name:	Calretinin (CALB2 Products)

Target Details

Background:	Calretinin is a calcium-binding protein involved in calcium signaling. It is abundantly expressed throughout the central nervous system, retina and many other tissues. Studies have shown that calretinin may play a role in neuroprotection by buffering intracellular calcium (Lukas and Jones 1994, Weisenhorn et al., 1996). Additionally, calretinin selectively stains mesothelial cells thus making it an important marker for differentiating malignant mesothelioma from carcinomas (Attanoos et al., 2000).Synonyms: 29 kDa calbindin, CAB29, CALB2
Gene ID:	117059
NCBI Accession:	NP_446440
UniProt:	P47728

Application Details

Application Notes:	Western Blot: 1/1000. Immunohistochemistry: 1/500. This antibody works well for Immunohistochemistry on Formalin or Paraformaldehydeperfused rat brain tissue sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	10 mM Tris, 100 mM NaCl.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.

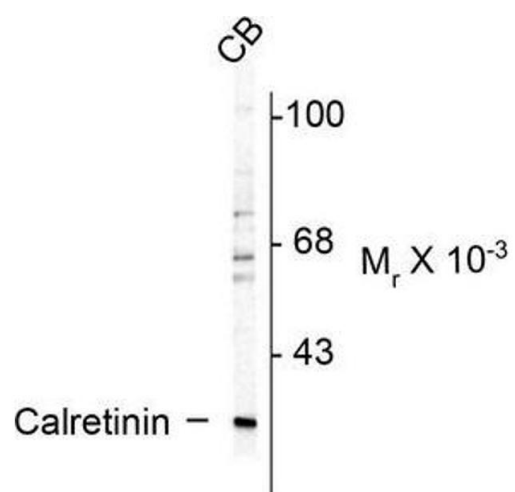


Image 1.