Datasheet for ABIN5027071

anti-Calretinin antibody (AA 4-238)

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Overview

Quantity:	100 µg
Target:	Calretinin (CALB2)
Binding Specificity:	AA 4-238
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calretinin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant Calretinin protein (amino acids 4-238) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	Calretinin (CALB2)
Alternative Name:	Calretinin (CALB2 Products)
Background:	Calretinin is a 29-kD intracellular, vitamin D-dependent calcium binding protein that likely has multiple functional roles including intracellular calcium buffering and message targeting. This protein is a member of the EF-hand family of calcium-binding proteins and first identified in the

Target Details

	central nervous system. It has also been identified in a wide variety of non-neural cells, both neoplastic and non-neoplastic. In the oncologic arena calretinin is most commonly used as part of a panel in the separation of pleural mesothelioma from poorly differentiated pulmonary adenocarcinomas. While in most cases highly sensitive and specific for mesothelial origin, calretinin positivity has been reported in carcinomas arising in a myriad of other tissues including ovary, testis, adrenal cortex, colon, breast, sinonasal tract, thymus, skin and even soft tissue.
Molecular Weight:	31 kDa
Gene ID:	794
UniProt:	P22676

Application Details

Application Notes:	WB: 1-2 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
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:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

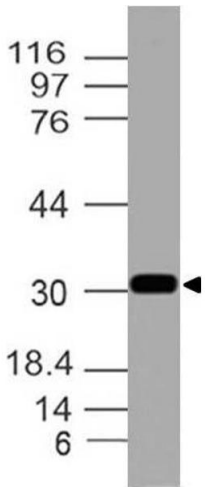

Image 1.