Datasheet for ABIN631478

anti-Calretinin antibody (N-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	Calretinin (CALB2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calretinin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Calbindin 2 antibody was raised using the N terminal of CALB2 corresponding to a region with amino acids IIGEEDLPSEEVDQELIEDSQWEEILKQPCPSQYSAIKEEDLVVWVDPLD
Specificity:	Calbindin 2 antibody was raised against the N terminal of CALB2
Purification:	Affinity purified

Target Details

Target:	Calretinin (CALB2)
Alternative Name:	Calbindin 2
Background:	CALB2 is an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily.

Target Details

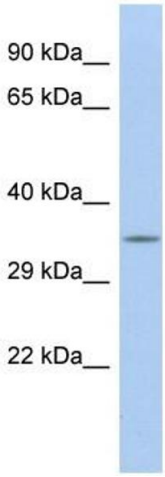
	Members of this protein family have six EF-hand domains which bind calcium. Three alternatively spliced transcript variants that encode different proteins have been described.
Molecular Weight:	30 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Calbindin 2 Blocking Peptide, (ABIN939383), is also available for use as a blocking control in assays to test for specificity of this Calbindin 2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CALB2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. Calbindin 2 antibody used at 1 ug/ml to detect target protein.