

[Go to Product page](#)

Datasheet for ABIN6655092 **anti-Calbindin-D antibody**

Overview

Quantity:	100 µg
Target:	Calbindin-D
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calbindin-D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Immunogen: Calbindin-D antibody was produced in mice by repeated immunizations with a recombinant protein corresponding to bovine kidney calbindin-D. Immunogen Type: Recombinant Protein
Clone:	CB-D7
Isotype:	IgG1
Cross-Reactivity (Details):	Cross reactivity with Calbindin-D from other sources has not been determined.
Purification:	Anti-Calbindin-D antibody was purified from mouse ascites by protein A chromatography. This product reacts with human, mouse, bovine, and rat.

Target Details

Target:	Calbindin-D
Abstract:	Calbindin-D Products

Target Details

Background:	<p>Synonyms: CALB, D-28K, CALBINDIN, 28-KD, Calbindin D28, Vitamin D-dependent calcium-binding protein, avian-type</p> <p>Background: The human calbindin D28k (CALB1) is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. Parmentier et al. (1991) mapped the CALB1 gene to 8q21.3-q22.1 by in situ hybridization. This antibody is suitable for researchers interested in transcription factors, nuclear receptors, cancer research, and nutritional and metabolic diseases.</p> <p>Gene Name: CALB1</p>
Gene ID:	793
NCBI Accession:	NP_004920
UniProt:	P05937

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:100-1:500</p> <p>Application Note: Anti-Calbindin-D is useful for Immunohistochemistry -P and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~30 kDa corresponding to the appropriate cell lysate or extract.</p> <p>ELISA Dilution: 1:10,000</p> <p>Western Blot Dilution: 0.5-1 µg/mL</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Neutral PBS</p>
Buffer:	<p>Buffer: 1.2 % sodium acetate</p> <p>Stabilizer: 2 mg BSA</p> <p>0.01 % (w/v) Sodium Azide</p>
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:	RT, 4 °C, -20 °C

Handling

Storage Comment: Store vial at 4° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.