

Datasheet for ABIN2787679
anti-Calcyphosine antibody (N-Term)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CAPS
Sequence:	DAVDATMEKL RAQCLSRGAS GIQGLARFFR QLDRDGSRL DADEFQRGLA
Predicted Reactivity:	Horse: 85%, Human: 100%, Pig: 77%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CAPS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Calcyphosine (CAPS)
Alternative Name:	CAPS (CAPS Products)

Target Details

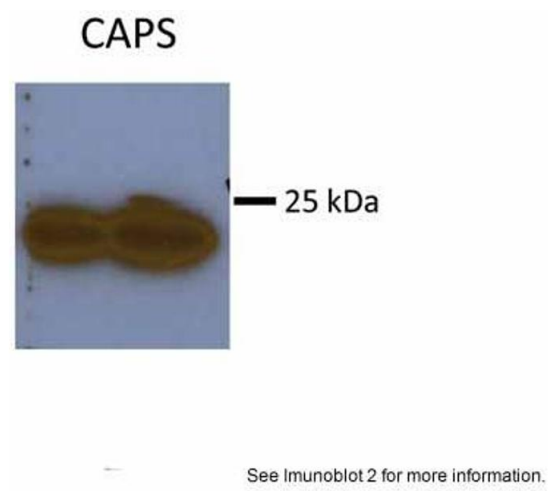
Background:	<p>CAPS is a calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. This gene encodes a calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. Alternative splicing of this gene generates two transcript variants.</p> <p>Alias Symbols: CAPS1, MGC126562</p> <p>Protein Size: 189</p>
Molecular Weight:	21 kDa
Gene ID:	828
NCBI Accession:	NM_004058 , NP_004049
UniProt:	Q13938

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 189 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



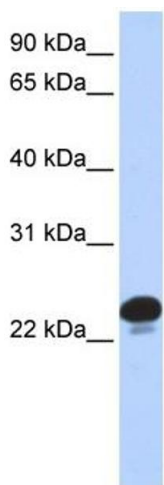
Western Blotting

Image 1. Sample Type: Huh7 HepG2 (50ug)

Primary Antibody Dilution: 1:500

Image Submitted By: Partha Kasturi

University of Kansas Medical Center



Western Blotting

Image 2. WB Suggested Anti-CAPS Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate