Datasheet for ABIN1395521

anti-Calcyphosine 2 antibody (AA 221-320) (Alexa Fluor 555)

Go to Product page

Overview

Quantity:	100 µL
Target:	Calcyphosine 2 (CAPS2)
Binding Specificity:	AA 221-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calcyphosine 2 antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Calcyphosine 2/CAPS2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Calcyphosine 2 (CAPS2)
Alternative Name:	Calcyphosine 2/CAPS2 (CAPS2 Products)
Background:	Synonyms: Calcyphosin 2, Calcyphosin-2, Calcyphosine-2, Calcyphosine2, Calcyphosphine 2,

Target Details

	CAPS 2, CAPS2, CAYP2_HUMAN, D630005B03Rik, FLJ34520, OTTHUMP00000202412, OTTMUSP00000027695, UG0636c06. Background: CAPS2 is a 557 amino acid calcium-binding protein that is abundantly expressed, with highest expression found in placenta, testis, colon, lung and brain. CAPS2 contains three EF-hand domains and exists as three alternatively spliced isoforms. Suggested to play a role in large dense-core vesicle (LDCV) exocytosis, CAPS2 is encoded by a gene that maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months