Rabbit Cables2 Polyclonal Antibody | anti-Cables2 antibody

Cables2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322491	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

Cables2; Polyclonal Antibody; Cables2 Antibody; C20orf150; CABLES 2; Cdk5 and Abl enzyme substrate 2; CDK5 and ABL1 enzyme substrate 2; dJ908M14.2; Ik3 2; Interactor with CDK3 2; anti-Cables2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cables2 antibody detects endogenous levels of total Cables2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	478
Applicable Applications for anti-Cables2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cables2
Predicted Cross Reactivity	**Pig, Dog, Xenopus**
Similarity	Pig (80%), Dog (82%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

IF (Immunofluorescence)
AAA322491 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of Cables2 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-Cables2 antibody	Function: Unknown. Probably involved in G1-S cell cycle transition. Subunit Structure: Binds to CDK3, CDK5 and ABL1. The C-terminal cyclin-box-like region binds to CDK5 (By similarity). Similarity: Belongs to the cyclin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145275195
NCBI GeneID	81928
NCBI Accession #	NP_112492.2
NCBI GenBank Nucleotide #	NM_031215.2
UniProt Accession #	Q9BTV7; Q5JWL0; Q9BYK0
Molecular Weight	Observed: 60 kDa Predicted: 53 kDa
NCBI Official Full Name	CDK5 and ABL1 enzyme substrate 2
NCBI Official Synonym Full Names	Cdk5 and Abl enzyme substrate 2
NCBI Official Symbol	CABLES2
NCBI Official Synonym Symbols	ik3-2; C20orf150; dJ908M14.2
NCBI Protein Information	CDK5 and ABL1 enzyme substrate 2
UniProt Protein Name	CDK5 and ABL1 enzyme substrate 2
UniProt Gene Name	**CABLES2**
UniProt Synonym Gene Names	C20orf150; Ik3-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/cables2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322491