

Rabbit CABLES2 Polyclonal Antibody | anti-CABLES2 antibody

CABLES2 Polyclonal Antibody

CATALOG # AAA168470	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CABLES2; Polyclonal Antibody; CABLES2 Polyclonal Antibody; ik3-2; C20orf150; dJ908M14.2; anti-CABLES2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	325
Applicable Applications for anti-CABLES2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human CABLES2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using CABLES2 Polyclonal Antibody at dilution 1:25


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CABLES2 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-CABLES2 antibody

Cables2 (Cdk5 and ABL1 enzyme substrate 2), also known as Ik3-2, is a 478 amino acid ubiquitously expressed protein that has a C-terminal cyclin box-containing domain, making it a member of the cyclin protein superfamily. A related protein, Cables, forms a trimolecular complex with Cdk5 and c-Abl in vivo, enhances apoptosis induced by overexpression of p53 and may be a tumor suppressor, due to its chromosomal loss of heterozygosity that is found in certain cancers. Cables2 shares 78% sequence similarity with Cables in the region of the cyclin box-containing domain and, in similar functionality, associates with Cdk3, Cdk5 and c-Abl. However, unlike its close relative, Cables2 also contains an N-terminal region that enhances not only p53-mediated cell death, but also p53-independent cell death. This characteristic suggests that the gene encoding Cables2 may also function as a tumor suppressor gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13111903
NCBI GeneID	81928
Molecular Weight	52,235 Da
NCBI Official Full Name	CABLES2 protein, partial
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; interactor with CDK3 2
UniProt Protein Name	CDK5 and ABL1 enzyme substrate 2
UniProt Gene Name	CABLES2
UniProt Synonym Gene Names	C20orf150; Ik3-2
UniProt Entry Name	CABL2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cables2-antibody-immunohistochemistry-elisa/168470>