

Rabbit anti-Human, Mouse CABLES2 Polyclonal Antibody | anti-CABLES2 antibody

CABLES2 Antibody

CATALOG # AAA303100	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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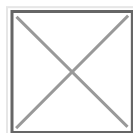
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

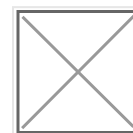
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CABLES2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.8 mg/ml (varies by lot)
Sequence Length	478
Applicable Applications for anti-CABLES2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Cdk5 and Abl enzyme substrate 2
Target Name	CABLES2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/25.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using 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.
Product Categories/Family for anti-CABLES2 antibody	Total protein Ab

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	52,235 Da
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
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/303100>