

Rabbit anti-Human CDKL5 Polyclonal Antibody | anti-CDKL5 antibody

Rabbit anti-CDKL5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212529	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CDKL5; Polyclonal Antibody; Rabbit anti-CDKL5 Antibody; Affinity Purified; cyclin dependent kinase 5 transcript; cyclin-dependent kinase-like 5; EIEE2; ISSX; serine/threonine kinase 9; serine/threonine-protein kinase 9; STK9; CFAP247; Cyclin-dependent kinase-like 5; cyclin dependent kinase like 5; anti-CDKL5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CDKL5 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



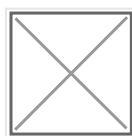
WB (Western Blot)

Detection of human CDKL5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa cells. Antibodies: Affinity purified rabbit anti-CDKL5 antibody AAA212529 (lot AAA212529-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



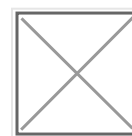
IP (Immunoprecipitation)

Detection of human CDKL5 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CDKL5 antibody AAA212529 (lot AAA212529-1) used for IP at 6 ug/mg lysate. CDKL5 was inefficiently immunoprecipitated by rabbit anti-CDKL5 antibody BL15151. For blotting immunoprecipitated CDKL5, AAA212529 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human CDKL5 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-CDKL5 (Cat. No. AAA212529 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human CDKL5 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-CDKL5 (Cat. No. AAA212529 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL5 antibody	Cyclin-dependent kinase-like 5 (CDKL5) is a member of Ser/Thr protein kinase family and encodes a phosphorylated protein with protein kinase activity. Mutations in the CDKL5 gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT) [taken from NCBI Entrez Gene (Gene ID: 6792)].
Product Categories/Family for anti-CDKL5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	83367066
NCBI GeneID	6792
NCBI Accession #	NP_003150.1
NCBI GenBank Nucleotide #	NM_003159
UniProt Accession #	O76039; Q14198; Q5H985; Q8IYC7; Q9UJL6; G9B9X4
Molecular Weight	~84 kDa
NCBI Official Full Name	Homo sapiens cyclin-dependent kinase-like 5 (CDKL5), transcript variant I, mRNA
NCBI Official Synonym Full Names	cyclin-dependent kinase-like 5
NCBI Official Symbol	CDKL5
NCBI Official Synonym Symbols	ISSX; STK9; EIEE2
NCBI Protein Information	cyclin-dependent kinase-like 5; serine/threonine kinase 9; serine/threonine-protein kinase 9; cyclin dependent kinase 5 transcript
UniProt Protein Name	Cyclin-dependent kinase-like 5
UniProt Gene Name	CDKL5
UniProt Synonym Gene Names	STK9
UniProt Entry Name	CDKL5_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/cdkl5-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212529>