

Rabbit anti-Human, mouse CDKL5 (STK9) Polyclonal Antibody | anti-CDKL5 antibody

CDKL5 (STK9) Antibody (C-term)

CATALOG # AAA289451	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

PRODUCT SYNONYMS

CDKL5 (STK9); Polyclonal Antibody; CDKL5 (STK9) Antibody (C-term); Cyclin-dependent kinase-like 5; Serine/threonine-protein kinase 9; CDKL5; STK9; anti-CDKL5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDKL5 (STK9) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 982-1012 amino acids from the C-terminal region of human CDKL5 (STK9).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	982-1012
Sequence Length	960
Applicable Applications for anti-CDKL5 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with STK9 Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

The anti-STK9 Pab is used in Western blot to detect STK9 in mouse lung tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKL5 antibody	Defects in STK9, a dual-specificity serine/threonine kinase, are a cause of atypical Rett syndrome. Rett syndrome is an X-linked dominant disease. It is a progressive neurologic developmental disorder and one of the most common causes of mental retardation in females. Patients appear to develop normally until 6 to 18 months of age, then gradually lose speech and purposeful hand movements and develop microcephaly, seizures, autism, ataxia, intermittent hyperventilation, and stereotypic hand movements. After initial regression, the condition stabilizes and patients usually survive into adulthood. Rett syndrome due to CDKL5-associated mutations is characterized by a severe early-onset phenotype and atypical features such as infantile spasms.
Product Categories/Family for anti-CDKL5 antibody	Neuroscience; Signal Transduction
References	Kalscheuer, V.M., et al., Am. J. Hum. Genet. 72(6):1401-1411 (2003). Montini, E., et al., Genomics 51(3):427-433 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	83367069
NCBI GeneID	6792
NCBI Accession #	NP_001032420.1; NP_003150.1
NCBI GenBank Nucleotide #	NM_001037343.1
UniProt Accession #	O76039; Q14198; Q5H985; Q8IYC7; Q9UJL6; G9B9X4
Molecular Weight	115538
NCBI Official Full Name	cyclin-dependent kinase-like 5
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdkl5-stk9-antibody-immunohistochemistry-western-blot-elisa/289451>