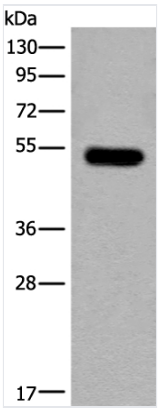
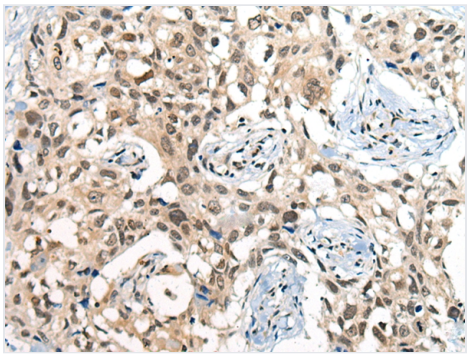
CDKL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

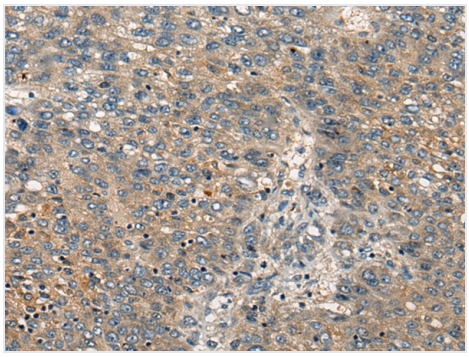
Product Name	CDKL2, Polyclonal Antibody
Full Product Name	CDKL2 Antibody
Product Gene Name	anti-CDKL2 antibody
Product Synonym Names	P56; KKIAMRE
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	In pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total CDKL2 protein.
Preparation and Storage	Store at -20 degree C.
Molecular Weight	56 kDa
OMIM	U35146 mRNA
3D Structure	ModBase 3D Structure for Q92772
Immunogen	Synthetic peptide corresponding to internal residues of human CDKL2
Immunogen Type	Peptide
Product Categories/Family for anti-CDKL2 antibody	Total protein Ab
Applications Tested/Suitable for anti-CDKL2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CDKL2 antibody	WB: 1:500-1:2000 IHC: 1: 25-100
Related Product Information for anti-CDKL2 antibody	This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with lower levels in the nucleus.
Other Notes	Small volumes of anti-CDKL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CDKL2 purchase	MBS9429602 is an antibody targeting CDKL2. Also known as CDKL2 Antibody. Reactive in Human, Mouse. Host: Rabbit.



SDS-Page of anti-CDKL2 antibody
Gel: 8%SDS-PAGE lysate: 40 ¦Œg, Lane: Mouse brain tissue lysate, Primary antibody: 46455£¨CDKL2 Antibody) at dilution 1/250 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds



Immunohistochemistry (IHC) of anti-CDKL2 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46455(CDKL2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry (IHC) of anti-CDKL2 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46455(CDKL2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDKL2. It may not necessarily be applicable to this product.

NCBI GI #	4505569
NCBI GeneID	8999
NCBI Accession #	NP_003939
UniProt Primary Accession #	Q92772
UniProt Secondary Accession #	B2R695
UniProt Related Accession #	Q92772
GenBank Nucleotide #	NM_003948.4
NCBI Official Full Name	cyclin-dependent kinase-like 2 isoform 1
NCBI Official Synonym Full Names	cyclin dependent kinase like 2
NCBI Official Symbol	CDKL2
NCBI Official Synonym Symbols	P56; KKIAMRE
UniProt Protein Name	Cyclin-dependent kinase-like 2
UniProt Synonym Protein Names	Protein kinase p56 KKIAMRE; Serine/threonine-protein kinase KKIAMRE
Protein Family	Cyclin-dependent kinase

UniProt Gene Name	CDKL2
NCBI Protein Information	cyclin-dependent kinase-like 2
Research Articles on CDKL2	**1.** High CDKL2 promotes epithelial-mesenchymal transition and breast cancer progression.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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