

Rabbit anti-Human CDK15 Polyclonal Antibody | anti-CDK15 antibody

Rabbit anti-CDK15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220578	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

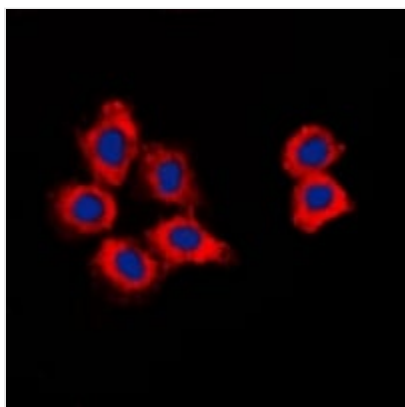
PRODUCT SYNONYMS

CDK15; Polyclonal Antibody; Rabbit anti-CDK15 Antibody; ALS2CR7; PFTK2; Cyclin-dependent kinase 15; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 7 protein; Cell division protein kinase 15; Serine/threonine-protein kinase ALS2CR7; Serine/threonine-protein kinase PFTAIRE-2; anti-CDK15 antibody

PRODUCT SPECIFICATIONS

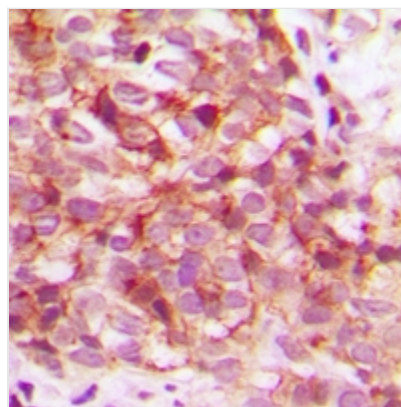
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CDK15 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDK15. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



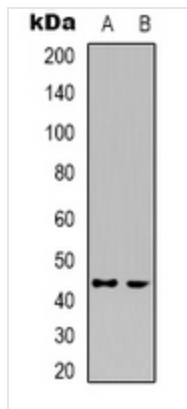
IF (Immunofluorescence)

Immunofluorescent analysis of CDK15 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CDK15 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of CDK15 expression in HepG2 (A), Jurkat (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDK15 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387598037
NCBI GeneID	65061
NCBI Accession #	NP_001248365.1
NCBI GenBank Nucleotide #	NM_001261436.1
UniProt Accession #	Q96Q40; Q4ZG86; Q53TV1; Q6ZMR9; Q8IUP1; A8K8R9; B8ZZX0; C9J1N8; C9K003
Molecular Weight	49,023 Da
NCBI Official Full Name	cyclin-dependent kinase 15 isoform 2
NCBI Official Synonym Full Names	cyclin-dependent kinase 15
NCBI Official Symbol	CDK15
NCBI Official Synonym Symbols	PFTK2; ALS2CR7; PFTAIRES2
NCBI Protein Information	cyclin-dependent kinase 15; PFTAIRES protein kinase 2; cell division protein kinase 15; serine/threonine protein kinase; serine/threonine-protein kinase ALS2CR7; serine/threonine-protein kinase PFTAIRES-2; amyotrophic lateral sclerosis 2 (juvenile) chromoso
UniProt Protein Name	Cyclin-dependent kinase 15
UniProt Gene Name	CDK15
UniProt Synonym Gene Names	ALS2CR7; PFTK2
UniProt Entry Name	CDK15_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.