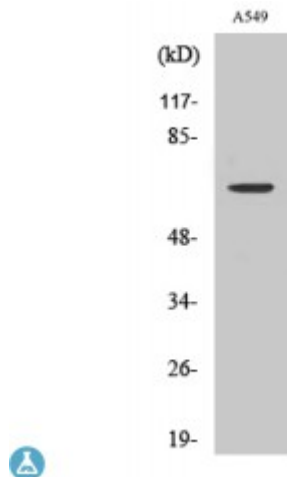


Anti-CERKL antibody



Description	Rabbit polyclonal to CERKL.
Model	STJ92238
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CERKL
Immunogen Region	310-390 aa, Internal
Gene ID	375298
Gene Symbol	CERKL
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	CERKL Polyclonal Antibody detects endogenous levels of CERKL protein.
Tissue Specificity	Isoform 1 and isoform 2 are expressed in adult retina, liver and pancreas as well as in fetal brain, lung and kidney. Isoform 3 is expressed in adult retina as well as in fetal lung and liver. Isoform 4 is expressed in adult retina, lung and kidney as well as in fetal lung and liver. Moderately expressed in retina, kidney, lung, testis, trachea, and pancreas. Weakly expressed in brain, placenta and liver.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ceramide kinase-like protein

Molecular Weight	63 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21699OMIM:608380
Alternative Names	Ceramide kinase-like protein
Function	Has no detectable ceramide-kinase activity. Overexpression of CERKL protects cells from apoptosis in oxidative stress conditions.
Cellular Localization	Cytoplasm. Nucleus, nucleolus. Enriched in nucleoli. May shuttle between nucleus and cytoplasm. Isoform 5 is not enriched in the nucleoli.. Isoform 2: Cytoplasm. Nucleus, nucleolus. Golgi apparatus, trans-Golgi network. Endoplasmic reticulum.
Post-translational Modifications	Phosphorylated on serine residues.