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CERKL Polyclonal Antibody

Catalog # AP69056

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q49MI3
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62622

Additional Information

Gene ID	375298
Other Names	CERKL; Ceramide kinase-like protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

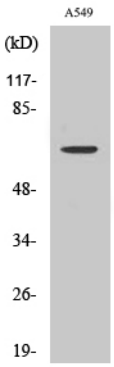
Protein Information

Name	CERKL
Function	Has no detectable ceramide-kinase activity. Overexpression of CERKL protects cells from apoptosis in oxidative stress conditions.
Cellular Location	Cytoplasm. Nucleus, nucleolus. Note=Enriched in nucleoli. May shuttle between nucleus and cytoplasm. Isoform 5 is not enriched in the nucleoli
Tissue Location	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.

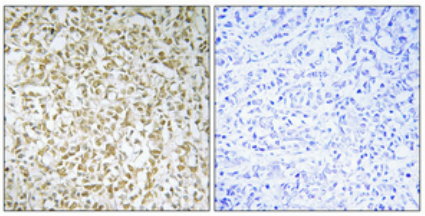
Background

Has no detectable ceramide-kinase activity. Overexpression of CERKL protects cells from apoptosis in oxidative stress conditions.

Images



Western Blot analysis of various cells using CERKL Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.