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CERKL Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20663a

Specification

CERKL Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q49MI3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**62622**

CERKL Antibody (N-term) - Additional Information

Gene ID 375298

Other Names
Ceramide kinase-like protein, CERKL

Target/Specificity
This CERKL antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 94-127 amino acids from the N-terminal region of human CERKL.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CERKL Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CERKL Antibody (N-term) - 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

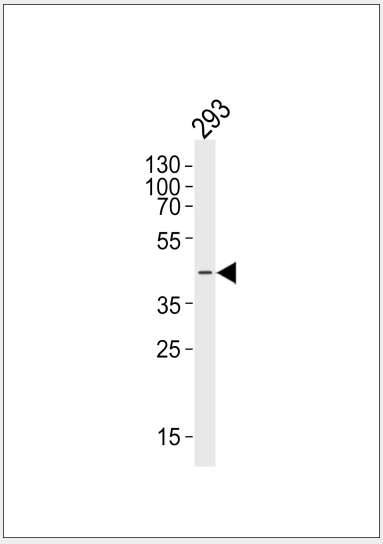
Tissue Location
Isoform 1 and isoform 2 are expressed in adult retina, liver and pancreas as well as in fetal brain, lung and kidney Isoform 3 is expressed in adult retina as well as in fetal lung and liver. Isoform 4 is expressed in adult retina, lung and kidney as well as in fetal lung and liver. Moderately expressed in retina, kidney, lung, testis, trachea, and pancreas. Weakly expressed in brain, placenta and liver.

CERKL Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

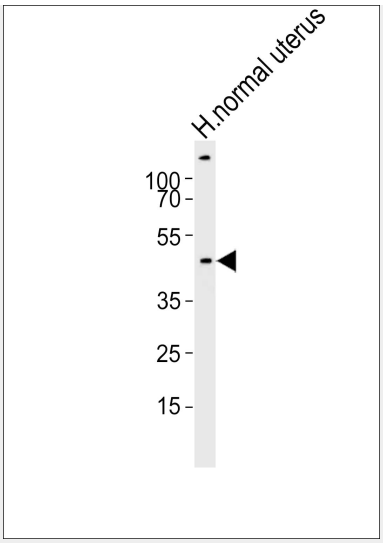
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CERKL Antibody (N-term) - Images



Western blot analysis of lysate from 293 cell line, using CERKL Antibody (N-term)(Cat. #AP20663a). AP20663a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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Western blot analysis of lysate from human normal uterus tissue lysate, using CERKL Antibody (N-term)(Cat. #AP20663a). AP20663a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

CERKL Antibody (N-term) - Background

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

CERKL Antibody (N-term) - References

Tuson M.,et al.Am. J. Hum. Genet. 74:128-138(2004).
Bornancin F.,et al.Biochim. Biophys. Acta 1687:31-43(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
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