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XKR8 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16000

Specification

XKR8 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9H6D3
Other Accession	NM_018053, NP_060523
Reactivity	**Human, Rabbit**
Predicted	**Human, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**43kDa KDa**

XKR8 Antibody - C-terminal region - Additional Information

Gene ID 55113

Alias Symbol	**RP11-460I13.3, XRG8**

Other Names
XK-related protein 8, hXkr8, XK-related protein 8, processed form, XKR8, XRG8

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 &mu, l of distilled water. Final Anti-XKR8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
XKR8 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

XKR8 Antibody - C-terminal region - Protein Information

Name XKR8 {ECO:0000303|PubMed:23845944, ECO:0000312|HGNC:HGNC:25508}

Function
[XK-related protein 8, processed form]: Phospholipid scramblase that promotes phosphatidylserine exposure on apoptotic cell surface (PubMed:23845944, PubMed:25231987). Phosphatidylserine is a specific marker only present at the surface of apoptotic cells and acts as a specific signal for engulfment (PubMed:23845944). Required for the clearance of apoptotic cells, such as engulfment of apoptotic germ cells by Sertoli cells, clearance of senescent neutrophils or regulation of bipolar cell numbers in the retina (By similarity). Has no effect on calcium-induced exposure of phosphatidylserine (PubMed:<a

href="http://www.uniprot.org/citations/23845944" target="_blank">23845944). Promotes myoblast differentiation and survival (PubMed:28881496).

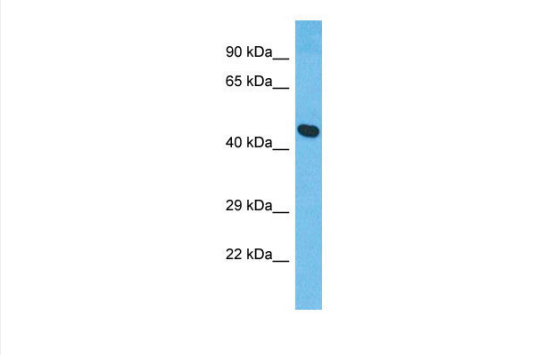
Cellular Location
Cell membrane; Multi-pass membrane protein. Cytoplasm, perinuclear region

XKR8 Antibody - C-terminal region - 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

XKR8 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: XKR8
Sample Tissue: HepG2 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

XKR8 Antibody - C-terminal region - Background

Promotes phosphatidylserine exposure on apoptotic cell surface, possibly by mediating phospholipid scrambling. Phosphatidylserine is a specific marker only present at the surface of apoptotic cells and acts as a specific signal for engulfment. Has no effect on calcium-induced exposure of phosphatidylserine. Activated upon caspase cleavage, suggesting that it does not act prior the onset of apoptosis.

XKR8 Antibody - C-terminal region - References

Huang C.-H.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

Suzuki J.,et al.Science 341:403-406(2013).