

RIOK3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51853**Specification**

RIOK3 Antibody - Product Information

Application	WB, E
Primary Accession	O14730
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59 KDa

RIOK3 Antibody - Additional Information**Gene ID** 8780**Other Names**

Serine/threonine-protein kinase RIO3, RIO kinase 3, sudd homolog, RIOK3, SUDD

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

RIOK3 Antibody - Protein Information**Name** RIOK3**Synonyms** SUDD**Function**

Involved in regulation of type I interferon (IFN)-dependent immune response which plays a critical role in the innate immune response against DNA and RNA viruses. May act as an adapter protein essential for the recruitment of TBK1 to IRF3 (PubMed:24807708). Phosphorylates IFIH1 on 'Ser-828' interfering with IFIH1 filament assembly on long dsRNA and resulting in attenuated IFIH1-signaling (PubMed:25865883). Can inhibit CASP10 isoform 7-mediated activation of the NF-kappaB signaling pathway (PubMed:19557502). May play a role in the biogenesis of the 40S ribosomal subunit. Involved in the processing of 21S pre-rRNA to the mature 18S rRNA (PubMed:22418843).

target="_blank">22418843).

Cellular Location

Cytoplasm.

Tissue Location

Widely expressed..

RIOK3 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RIOK3 Antibody - Images**RIOK3 Antibody - References**

Anaya P.,et al.Gene 211:323-329(1998).
Nusbaum C.,et al.Nature 437:551-555(2005).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).
Greenman C.,et al.Nature 446:153-158(2007).