

Smek2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14115**Specification**

Smek2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O922R5
Other Accession	NM_134034 , NP_598795
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90kDa KDa

Smek2 antibody - C-terminal region - Additional Information**Gene ID** 104570**Alias Symbol** **AW011752, AW557776, KIAA1387, mKIAA1387, RP23-393O10.1****Other Names**

Serine/threonine-protein phosphatase 4 regulatory subunit 3B, SMEK homolog 2, Smek2, Kiaa1387, Pp4r3b, Ppp4r3b

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Smek2 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

Smek2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Smek2 antibody - C-terminal region - Protein Information**Name** Ppp4r3b {ECO:0000250|UniProtKB:Q5MIZ7}**Function**

Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). May regulate the activity of PPP4C at centrosomal microtubule organizing centers (By similarity).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus.

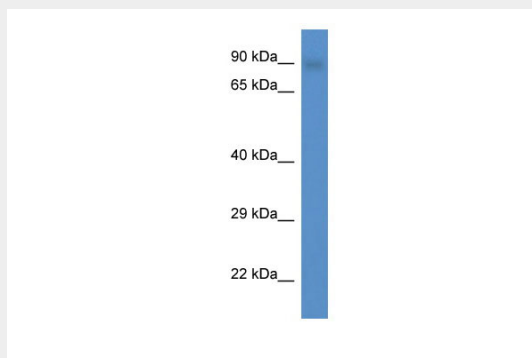
Note=In interphase localized in the cytoplasm and (with higher levels) the nucleus. During metaphase located in pericentriolar regions

Smek2 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 Cytometry](#)
- [Cell Culture](#)

Smek2 antibody - C-terminal region - Images



WB Suggested Anti-Smek2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Smek2 antibody - C-terminal region - References

Okazaki N., et al. DNA Res. 10:167-180(2003).
Carninci P., et al. Science 309:1559-1563(2005).
Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).