

Anks1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13762**Specification**

Anks1 antibody - C-terminal region - Product Information

Application	IP, WB
Primary Accession	Q68FS2
Other Accession	NM_001004275 , NP_001004275
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	127kDa KDa

Anks1 antibody - C-terminal region - Additional Information**Gene ID** 360915**Alias Symbol** **Anks1a, MGC59413, mKIAA0229****Other Names**

COP9 signalosome complex subunit 4, SGN4, Signalosome subunit 4, JAB1-containing signalosome subunit 4, Cops4, Csn4

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-Anks1 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

Anks1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Anks1 antibody - C-terminal region - Protein Information**Name** Cops4**Synonyms** Csn4**Function**

Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes (By similarity). The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes

such as SCF, CSA or DDB2 (By similarity). Also involved in the deneddylation of non-cullin subunits such as STON2 (By similarity). The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1, IRF8/ICSBP and SNAPIN, possibly via its association with CK2 and PKD kinases (By similarity). CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively (By similarity).

Cellular Location

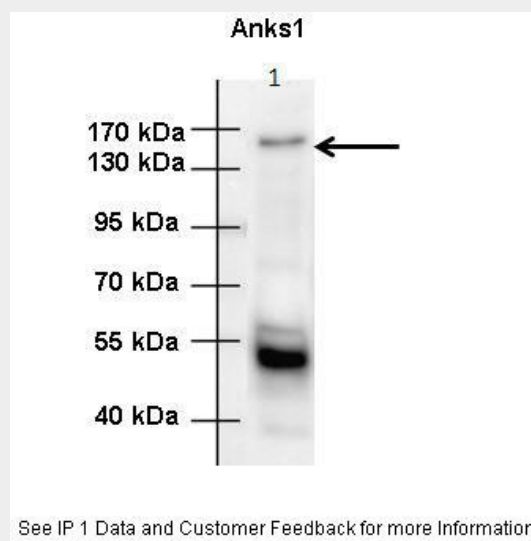
Cytoplasm {ECO:0000250|UniProtKB:Q9BT78}. Nucleus {ECO:0000250|UniProtKB:Q9BT78}.
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle

Anks1 antibody - C-terminal region - Protocols

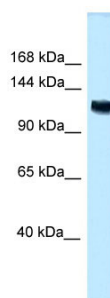
Provided below are standard protocols that you may find useful for product applications.

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

Anks1 antibody - C-terminal region - Images



Amount and Sample Type : HeLa lysate Amount of IP Antibody : 10ug Primary Antibody : Anks1
Primary Antibody Dilution : 1:1000
Secondary Antibody : Goat anti-rabbit-HRP Secondary Antibody Dilution : 1:5000
Gene Name : Anks1 Submitted by : Barbara Woller; Medical University of Vienna



WB Suggested Anti-Anks1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Pancreas

Anks1 antibody - C-terminal region - References

Granata A., et al. EMBO J. 30:181-193(2011).