

MKLN1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55232**Specification**

MKLN1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q9UL63
Reactivity	Rat, Cow
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84768

MKLN1 Polyclonal Antibody - Additional Information**Gene ID** 4289**Other Names**

Muskelin, MKLN1

Format0.01M TBS(pH7.4) with 1% BSA, 0.09%
(W/V) sodium azide and 50% Glyce**Storage**Store at -20 °C for one year. Avoid repeated
freeze/thaw cycles. When reconstituted in
sterile pH 7.4 0.01M PBS or diluent of
antibody the antibody is stable for at least
two weeks at 2-4 °C.**MKLN1 Polyclonal Antibody - Protein Information****Name** MKLN1**Function**

Component of the CTLH E3 ubiquitin-protein
ligase complex that selectively accepts
ubiquitin from UBE2H and mediates
ubiquitination and subsequent proteasomal
degradation of the transcription factor HBP1
(PubMed:<a href="http://www.uniprot.org/citations/29911972"
target="_blank">29911972). Required
for internalization of the GABA receptor
GABRA1 from the cell membrane via
endosomes and subsequent GABRA1

degradation (By similarity). Acts as a mediator of cell spreading and cytoskeletal responses to the extracellular matrix component THBS1 (PubMed:18710924).

Cellular Location

Cytoplasm. Cytoplasm, cytosol
{ECO:0000250|UniProtKB:O89050}.
Nucleus, nucleoplasm
{ECO:0000250|UniProtKB:O89050}. Cell
projection, ruffle
{ECO:0000250|UniProtKB:O89050}.
Cytoplasm, cell cortex
{ECO:0000250|UniProtKB:O89050}. Cell
junction, synapse
{ECO:0000250|UniProtKB:O89050}. Cell
junction, synapse, postsynapse
{ECO:0000250|UniProtKB:O89050}.
Note=Colocalizes with GABRA1 at synapses
and in postsynaptic regions. Colocalizes
with actin fibers in the cell cortex.
{ECO:0000250|UniProtKB:O89050}

MKLN1 Polyclonal 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](#)