

SMURF2 Antibody (R32322)

Catalog No.	Formulation	Size
R32322	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9HAU4
Applications	Western Blot : 0.1-0.5ug/ml
Limitations	This SMURF2 antibody is available for research use only.



Western blot testing of human SMMC cell lysate with SMURF2 antibody.
Expected/observed molecular weight ~86 kDa.

Description

E3 ubiquitin-protein ligase SMURF2 is an enzyme that in humans is encoded by the SMURF2 gene. The SMURF2 gene is mapped to chromosome 17q22-q23 based on sequence similarity between the SMURF2 sequence and a genomic contig. SMURF2 is a HECT domain E3 ubiquitin ligase involved in degradation of SMADs, TGF-beta receptor (TGFR), and other substrates. It also functions in regulation of neuronal and planar cell polarity, induction of senescence, and tumor suppression

Application Notes

Optimal dilution of the SMURF2 antibody should be determined by the researcher.

Immunogen

Amino acids DHNNRTTQFTDPRLSANLHLVLNRQNQLKDQDQQQQ of human SMURF2 were used as the immunogen for the SMURF2 antibody.

Storage

After reconstitution, the SMURF2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.