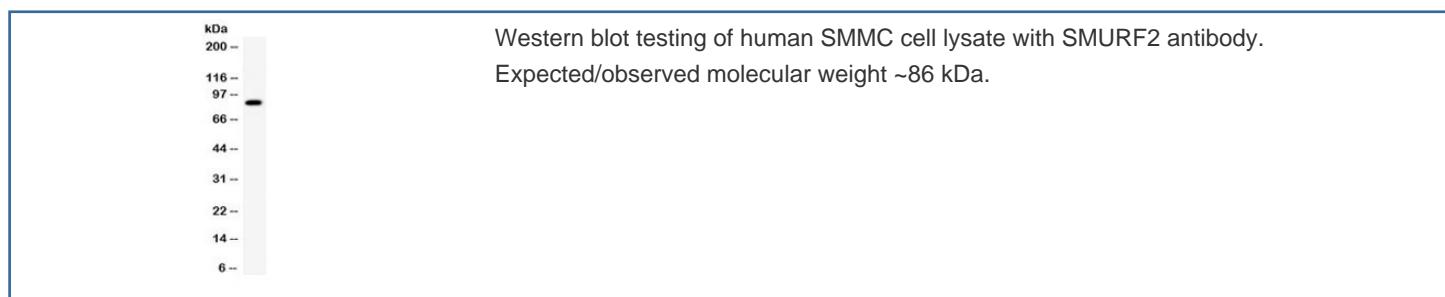


## SMURF2 Antibody (R32322)

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

**Bulk quote request**

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



### 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 (TGFBR), 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 DHNNRTTQFTDPRLSANLHLVLRQNLKDQQQQ 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.