

SMURF1 antibody

Product Information

Catalog No.:	FNab08046
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

E3 ubiquitin-protein ligase that acts as a negative regulator of BMP signaling pathway. Mediates ubiquitination and degradation of SMAD1 and SMAD5, 2 receptor-regulated SMADs specific for the BMP pathway. Promotes ubiquitination and subsequent proteasomal degradation of TRAF family members and RHOA. Plays a role in dendrite formation by melanocytes(PubMed:23999003).

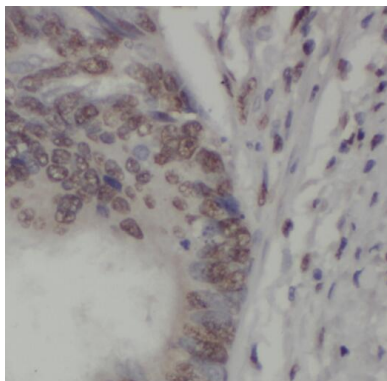
Immunogen information

Immunogen:	SMAD specific E3 ubiquitin protein ligase 1
Synonyms:	E3 ubiquitin-protein ligase SMURF1 (hSMURF1) HECT-type E3 ubiquitin transferase SMURF1 SMAD ubiquitination regulatory factor 1 SMAD-specific E3 ubiquitin-protein ligase 1 SMURF1 KIAA1625
Observed MW:	83-90 kDa
Uniprot ID :	Q9HCE7

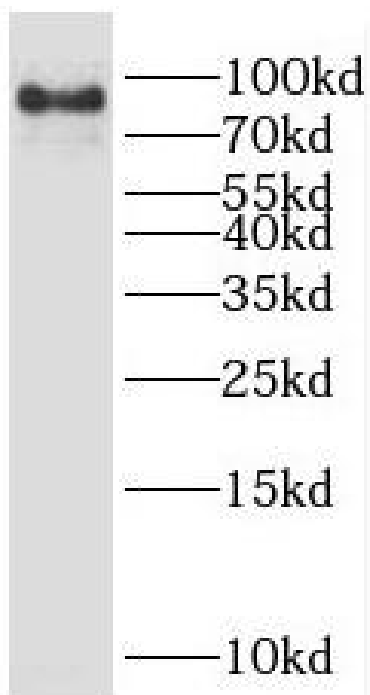
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using FNab08046(SMURF1 Antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab08046(SMURF1 antibody) at dilution of 1:800