

# SMURF1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SMURF1 (326-351aa DHNNRTTQFTDPRLHHIMNHQCQLKE).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2884873

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

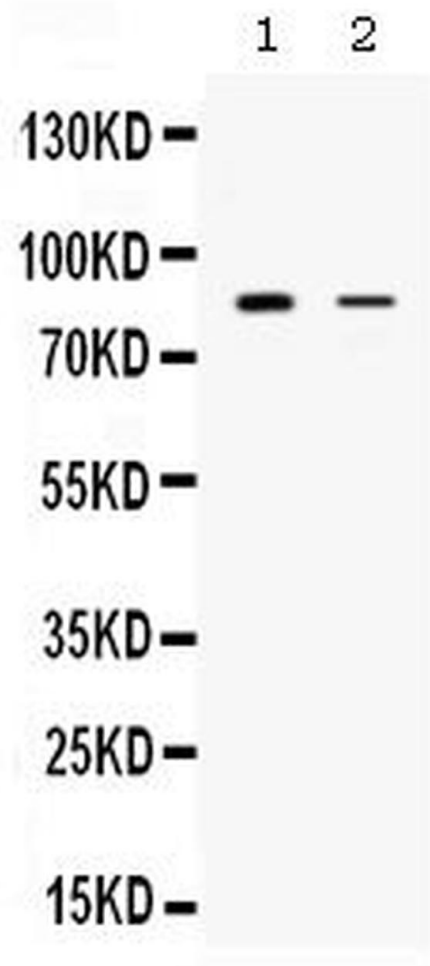
## Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For SMURF1 Polyclonal Antibody

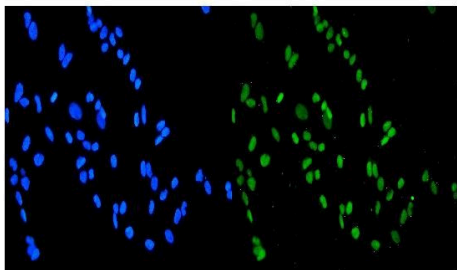
**SMURF1 Antibody (PA5-114443) in WB**

Western blot analysis of SMURF1 in rat brain extract (lane 1) and MCF-7 whole cell lysates (lane 2). Sample was incubated in SMURF1 polyclonal antibody (Product # PA5-114443) at a dilution of 0.5 µg/mL, followed by chemiluminescence (ECL).



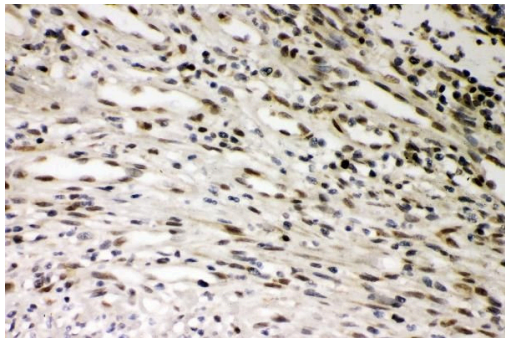
**SMURF1 Antibody (PA5-114443) in ICC/IF**

Immunocytochemistry analysis of SMURF1 in HeLA cells. Antigen retrieval was performed with enzyme antigen retrieval (15 min). Samples were blocked with 10% goat serum and incubated in SMURF1 polyclonal antibody (Product # PA5-114443) at a dilution of 2 µg/mL (overnight, 4°C), followed by DyLight 488 conjugated goat anti-rabbit IgG (30 min, 37°C) and DAPI at a dilution of 1:100.



**SMURF1 Antibody (PA5-114443) in IHC (P)**

Immunohistochemistry analysis of SMURF1 in paraffin-embedded human intestinal cancer tissue. Antigen retrieval was performed with EDTA buffer (pH 8.0, epitope retrieval solution). Samples were blocked with 10% goat serum and incubated in SMURF1 polyclonal antibody (Product # PA5-114443) at a dilution of 1 µg/mL (overnight, 4°C), followed by biotinylated goat anti-rabbit IgG (30 min, 37°C) and Streptavidin-Biotin-Complex (SABC) with DAB.



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