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## anti-SMURF2 antibody (C-Term)

2 Images



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## Overview

Overview	
Quantity:	0.4 mL
Target:	SMURF2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMURF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human SMURF2.
Isotype:	Ig Fraction
Specificity:	This antibody detects 86113 Da at C-term.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Target Details	

Target:	SMURF2
Alternative Name:	SMURF2 (SMURF2 Products)

## **Target Details**

Background:	SMURF2 is an E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-
	conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to
	targeted substrates. This protein interacts with SMAD1, SMAD2 and SMAD7 in order to trigger
	their ubiquitination and proteasome-dependent degradation. It enhances the inhibitory activity
	of SMAD7 and reduces the transcriptional activity of SMAD2. Coexpression of SMURF2 with
	SMAD1 results in considerable decrease in steady-state level of SMAD1 protein and a smaller
	decrease of SMAD2 level.Synonyms: E3 ubiquitin-protein ligase SMURF2, SMAD ubiquitination
	regulatory factor 2, SMAD-specific E3 ubiquitin-protein ligase 2, SMURF 2, SMURF-2
Molecular Weight:	86113 Da
Gene ID:	64750, 9606
UniProt:	Q9HAU4
Application Details	
Application Notes:	ELISA 1: 1,000. Western blot 1: 100 - 1: 500. Immunohistochemistry 1: 50 - 1: 100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Image 1.

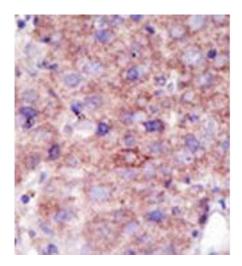


Image 2.