



Anti-SMURF1 (aa 165-268) polyclonal antibody (DPAB-DC2569)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a ubiquitin ligase that is specific for receptor-regulated SMAD proteins in the bone morphogenetic protein (BMP) pathway. This protein plays a key roll in the regulation of cell motility, cell signalling, and cell polarity. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Dec 2010]
Immunogen	SMURF1 (NP_065162, 165 a.a. ~ 268 a.a) partial recombinant protein with GST tag. The sequence is DSGPGRPLSCFMEEPAPYTDSTGAAAGGGNCRFVESPSQDQRLQAQRLRNPDVRGSLQTP QNRPHGHQSPELPEGYEQRTTVQGQVYFLHTQTGVSTWHDPRIP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [SMURF1 SMAD specific E3 ubiquitin protein ligase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	SMURF1
Synonyms	SMURF1; SMAD specific E3 ubiquitin protein ligase 1; E3 ubiquitin-protein ligase SMURF1; hSMURF1; E3 ubiquitin ligase SMURF1; Smad-specific E3 ubiquitin ligase 1; Smad ubiquitination regulatory factor 1; SMAD-specific E3 ubiquitin-protein ligase 1;
Entrez Gene ID	57154
Protein Refseq	NP_001186776
UniProt ID	Q9HCE7
Chromosome Location	7q22.1
Pathway	Adaptive Immune System; Proteasome degradation; BMP receptor signaling; Class I MHC mediated antigen processing &.
Function	I-SMAD binding; R-SMAD binding; activin binding; ligase activity