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Product datasheet for CF504864

SENP2 Mouse Monoclonal Antibody [Clone ID: OTI3H10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3H10
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 139-523 of human SENP2(NP_067640) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	SUMO specific peptidase 2
Database Link:	NP_067640 Entrez Gene 75826 MouseEntrez Gene 78973 RatEntrez Gene 59343 Human Q9HC62
Background:	SUMO1 (UBL1; MIM 601912) is a small ubiquitin-like protein that can be covalently conjugated to other proteins. SENP2 is one of a group of enzymes that process newly synthesized SUMO1 into the conjugatable form and catalyze the deconjugation of SUMO1-containing species. [supplied by OMIM, Apr 2004]

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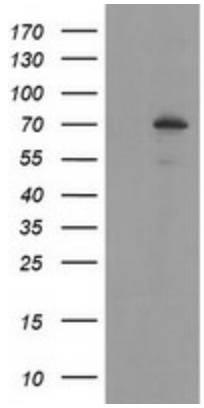
Synonyms: AXAM2; SMT3IP2

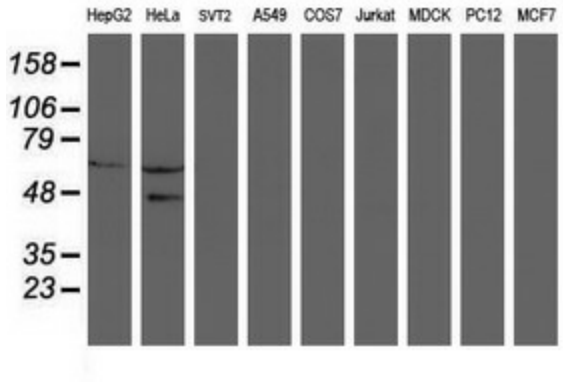
Protein Families: Druggable Genome, Protease

Protein Pathways: Wnt signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SENP2 ([RC208109], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SENP2.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SENP2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).