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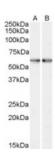
HIGH PERFORMANCE ANTIBODIES ... AND MORE

ProSci Incorporated 12170 Flint Place Poway, CA 92064 Toll Free: +1 (888) 513 9525 Local: +1 (858) 513 2638 Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

SMO Antibody

CATALOG NUMBER: 46-388



Western blot analysis of SMO in human bone marrow lysate (35 ug protein in RIPA buffer) using SMO Antibody at 0.3 ug/mL.

Specifications	
SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32,000. Approximately 60 kDa band observed in human bone marrow lysates (calculated MW of 86.4 kDa according to NP_005622.1). The observed molecular weight corresponds to findings with 46-389, a product of different design reacting to a different part of the same protein. Recommended concentration: 0.3-1 ug/mL.
POSITIVE CONTROL:	1) Human Bone Marrow Lysate
IMMUNOGEN:	SMO antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of SMO.
HOST SPECIES:	Goat
Properties	
PURIFICATION:	SMO antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	SMO antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated
Additional Info	
ALTERNATE NAMES:	SMO, smoothened homolog (Drosophila), HGNC:11119, Gx, SMOH, seven transmembrane helix receptor, smoothened
ACCESSION NO.:	NP_005622.1
PROTEIN GI NO.:	5032099
OFFICIAL SYMBOL:	SMO

GENE ID:	6608
Background	
REFERENCES:	1) Corbit KC, Aanstad P, Singla V, Norman AR, Stainier DY, Reiter JF. Vertebrate Smoothened functions at the
	primary cilium. Nature. 2005 Aug 31;

FOR RESEARCH USE ONLY

December 13, 2016