



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

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| 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

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| 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

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| 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 Smoothed functions at the primary cilium. Nature. 2005 Aug 31;

FOR RESEARCH USE ONLY

December 13, 2016