

Anti-SMAD6 Polyclonal Antibody

Product Details

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|-------------------|--------------------------------------|
| Ig Type: | IgG |
| Reactivity: | Mouse (predicted:Human,Rat) |
| Molecular Weight: | Theoretical: 54 kDa. Actual: 54 kDa. |
| Purification: | Protein A purified |

Applications

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|--------------------|--|
| Verified Activity: | Sample: Lung (Mouse) Lysate at 40 µg Primary: Anti-SMAD6 (TMAB-12945) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human SMAD6 |
| Antigen Species: | Human |
| Gene ID: | 4091 |
| Uniprot ID: | O43541 |

Research Background

The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants have been found for this gene.[provided by RefSeq, Sep 2014]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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