
Product Name: Phospho-Smad2 (Ser250) Rabbit Monoclonal antibody**Catalog #: AMRe02876**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat, Hamster
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.21mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 58,62 kDa

Antigen Information

Gene Name	SMAD2 SMAD2; MADH2; MADR2; Mothers against decapentaplegic homolog 2; MAD homolog 2;
Alternative Names	Mothers against DPP homolog 2; JV18-1; Mad-related protein 2; hMAD-2; SMAD family member 2; SMAD 2; Smad2; hSMAD2
Gene ID	4087
SwissProt ID	Q15796
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser250 of human Smad2

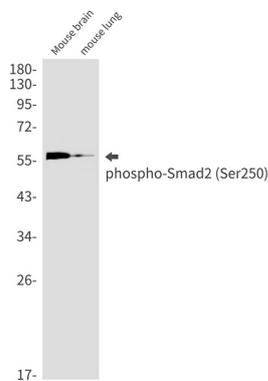
Background

The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the *Drosophila* gene 'mothers against decapentaplegic' (Mad) and the *C. elegans* gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways.

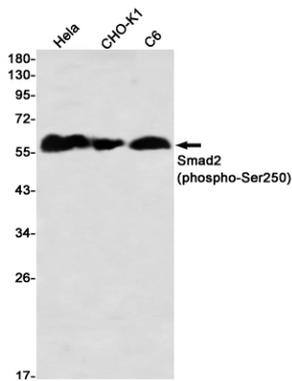
Research Area

Signal Transduction

Image Data



Western blot analysis of Phospho-Smad2 (Ser250) in mouse brain, mouse lung lysates using Phospho-Smad2 (Ser250) antibody.



Western blot analysis of Smad2 (Phospho-Ser250) in HeLa, CHO-K1, C6 lysates using Smad2 (Phospho-Ser250) antibody.