

Smad9 Ab

Cat.#: AF5114
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 52 kDa
Clonality: Polyclonal

Application: WB 1:500-1:2000 IHC 1:50-1:200

Reactivity: Human,Mouse,Rat

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: Smad9 Ab detects endogenous levels of total Smad9.

Immunogen: A synthesized peptide derived from human Smad9.

Uniprot: O15198

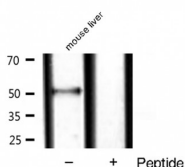
Description: SMAD9 is a member of the MAD-related family of molecules. MAD-related proteins are a recently identified family of intracellular proteins that are thought to be essential components in the signaling pathways of the serine/threonine kinase receptors of the transforming growth factor beta superfamily.

Subcellular Location: Cytoplasmic and Nuclear

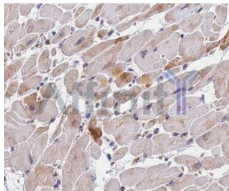
Tissue Specificity: Expressed in heart, brain, placenta, lung, skeletal muscle, prostate, testis, ovary and small intestine. Also expressed in fetal brain, lung and kidney.

Similarity: Belongs to the dwarfin/SMAD family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extracts of mouse liver ,using Smad9 Ab.



IHC test Smad9 Ab in human skin tissue.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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