

Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

Smad9 Ab

Cat.#: AF5114 Concn.: 1mg/ml Mol.Wt.: 52 kDa Size: 100ul,200ul Source: Rabbit 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: 015198

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.

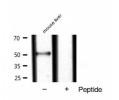
Similarity: Belongs to the dwarfin/SMAD family.

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.

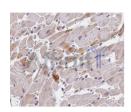


Western blot analysis of extracts of mouse liver ,using Smad9 Ab.

1/2



Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com



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.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.