

PHOSPHO-SMAD3 (SER425) RABBIT PAB

Cat.#: N225387

Product Name: Anti-Phospho-Smad3 (Ser425) Rabbit pAb

Synonyms: SMAD3; MADH3; Mothers against decapentaplegic homolog 3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; JV15-2; SMAD family member 3; SMAD 3; Smad3; hSMAD3

UNIPROT ID: P84022

Background: Smad3 transcription factor phosphorylated and activated by TGF-beta-type receptors. A receptor-regulated Smad (R-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. In mouse required for establishment of the mucosal immune response and proper development of skeleton.

Immunogen: The antiserum was produced against synthesized peptide derived from human Smad3 around the phosphorylation site of Ser425. AA range:376-425

Applications: ICC/IF, WB, IHC-F, IHC-P, ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 48 kDa; Observed MW: 58 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

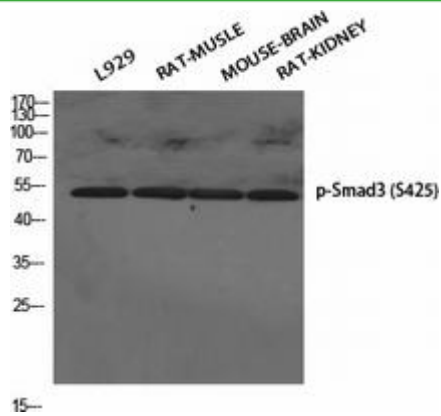
Conjugation: Unconjugated

Modification: Phosphorylated

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Phospho-Smad3 (Ser425) in various lysates using Phospho-Smad3 (Ser425) antibody.