AP0850

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Phospho-Smad1-S463/465 + Smad5-S463/465 + Smad9-S465/467 Rabbit pAb

Catalog No.: AP0850 5 Publications

Basic Information

Observed MW
60kDa

Calculated MW
60kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse

Background

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4086/4090/4093

Swiss Prot
Q15797/Q99717/O15198

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
Smad1/Smad5/Smad9; Phospho-Smad1-S463/465 + Smad5-S463/465 + Smad9-S465/467

Contact

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Product Information

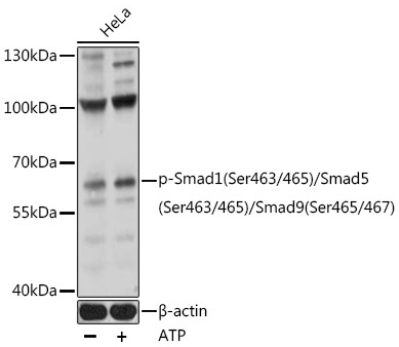
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-Smad1(Ser463/465)/Smad5(Ser463/465)/Smad9(Ser465/467) pAb (AP0850) at 1:1000 dilution. HeLa cells were treated with ATP(5 mM) at 30℃ for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

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