

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SMAD3



Numéro de catalogue: 51145-1-AP

4 Publications

Informations de base

Numéro de catalogue:

51145-1-AP

Taille:

150ul , Concentration: 240 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC050743

Identification du gène (NCBI):

4088

Nom complet:

SMAD family member 3

MW calculé

48 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Applications

Applications testées:

ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Informations générales

SMAD family member 3 (SMAD3), also named Mothers against decapentaplegic homolog 3. Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD3/SMAD4 complex, activates transcription. Also can form a SMAD3/SMAD4/JUN/FOS complex at the AP-1/SMAD site to regulate TGF-beta-mediated transcription. Has an inhibitory effect on wound healing probably by modulating both growth and migration of primary keratinocytes and by altering the TGF-mediated chemotaxis of monocytes. This effect on wound healing appears to be hormone-sensitive. Regulator of chondrogenesis and osteogenesis and inhibits early healing of bone fractures (By similarity). Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator. The observed molecular weight of SMAD3 is about 48 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaomeng Zou	36411770	Biomed Res Int	WB
Fangmin Zhou	35968503	Dis Markers	WB
Hui-Li Ren	37346334	Heliyon	WB

Stockage

Stockage:

Stocker à -20 °C.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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