

E11-0031A
A


Smad3 (Phospho-Ser425) Antibody

Catalog Number: E11-0031A**Amount:** 100µg/100µl**Swiss-Prot No. :** P84022**All Names:** JV15-2, MAD-3, MADH3, Mad3, Mothers against DPP homolog 3, Mothers against decapentaplegic homolog 3, SMAD 3, Smad 3**All Sites:** Human: Ser425; Mouse: Ser425; Rat: Ser425**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Smad3 around the phosphorylation site of serine 425 (C-S-S-V-S^P).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.**Specificity/Sensitivity:** Smad3 (phospho-Ser425) antibody detects endogenous levels of Smad3 only when phosphorylated at serine 425.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100

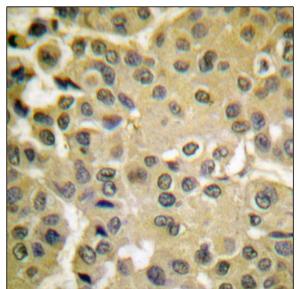
ELISA: 1:40000

References: Suvi-Katri Leivonen, AACR Meeting Abstracts, Mar 2004; 2004: 530.

Baljit Walia, FASEB J, Sep 2003; 10.1096/fj.02-1211fje.

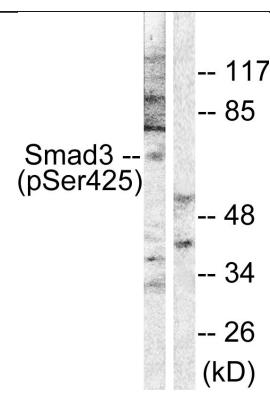
Evangelia Pardali, J. Biol. Chem., Feb 2000; 275: 3552.

HUGO CEULEMANS, Physiol Rev, Jan 2004; 84: 1.



P-peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Smad3 (phospho-Ser425) antibody.



Western blot analysis of extracts from NIH/3T3 cells treated with IGF-I (100ng/ml, 10mins), using Smad3 (phospho-Ser425) antibody.

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