

Product Datasheet

SMAD4 Antibody



Catalog No: CY5014

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC

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Information

UniProt ID: Q13485

All Names: MAD homolog 4; MAD, mothers against decapentaplegic homolog 4; MADH4; Mothers against decapentaplegic homolog 4; DPC4; hSMAD4; JIP;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 65 kDa

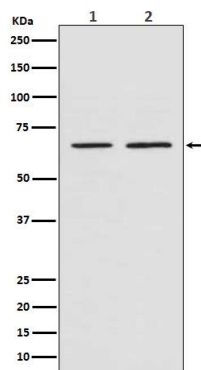
Application

WB: 1:500~1:2000

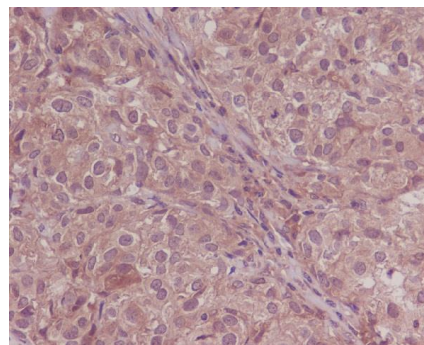
IHC: 1:50-1:200

Background

Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation function required for Smad1 or Smad2 to stimulate transcription.



Western blot analysis of SMAD4 expression in (1) SH-SY5Y cell lysate; (2) NIH/3T3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Smad4 Antibody.

For Research Use Only. Not For Use In Diagnostic Procedures.

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