

## Anti-SMAD4 antibody

<b>Cat. No.</b>	ml120124
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-SMAD4 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human SMAD4
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	SMAD4
<b>Full name</b>	SMAD family member 4
<b>Synonyms</b>	JIP; DPC4; MADH4; MYHRS
<b>Swissprot</b>	Q13485

### Target Background

This gene encodes a member of the Smad family of signal transduction proteins. Smad proteins are phosphorylated and activated by transmembrane serine-threonine receptor kinases in response to TGF-beta signaling. The product of this gene forms homomeric complexes and heteromeric complexes with other activated Smad proteins, which then accumulate in the nucleus and regulate the transcription of target genes. This protein binds to DNA and recognizes an 8-bp palindromic sequence (GTCTAGAC) called the Smad-binding element (SBE).

订购热线: 4008-898-798

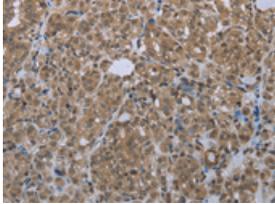
### Applications

#### Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100

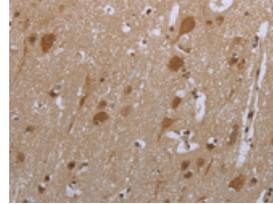


The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml120124(SMAD4 Antibody) at dilution 1/20. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100



The image is immunohistochemistry of paraffin-embedded Human brain tissue using ml120124(SMAD4 Antibody) at dilution 1/20. (Original magnification: ×200)

#### Western blotting

Predicted band size: 60 kDa

Positive control: 293T cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane: 293T cells

Primary antibody: ml120124(SMAD4 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



#### ELISA

Recommended dilution: 1000-2000

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