

## Anti-DEAF1 antibody

<b>Cat. No.</b>	ml261612
<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-DEAF1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human DEAF1
<b>Reactivity</b>	Human
<b>Content</b>	1.4 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>	DEAF1
<b>Full name</b>	DEAF1 transcription factor
<b>Synonyms</b>	SPN; NUDR; ZMYND5
<b>Swissprot</b>	O75398

### Target Background

Suppressin, also known as DEAF1 (deformed epidermal autoregulatory factor 1), SPN, NUDR (nuclear DEAF-1-related transcriptional regulator), or ZMYND5 (zinc finger MYND domain-containing protein 5), is a transcription factor required for embryonic development. Suppressin contains one SAND domain and one C-terminal MYND-type zinc finger. It interacts with LMO4 and CLIM-2, suggesting that it plays a role mediating cell fate and embryonic pattern formation. Suppressin is expressed in a variety of tissues and localizes to the nucleus. Several isoforms exist due to alternative splicing and, depending on the isoform, Suppressin is secreted in some cell types. Secreted Suppressin can function to inhibit cell proliferation, arresting cells in the G0 or G1 phase. Mutations in the gene encoding Suppressin may result in a growth advantage leading to the development and progression of neoplasia. This suggest that Supressin is a potential target for cancer therapy.

订购热线: 4008-898-798

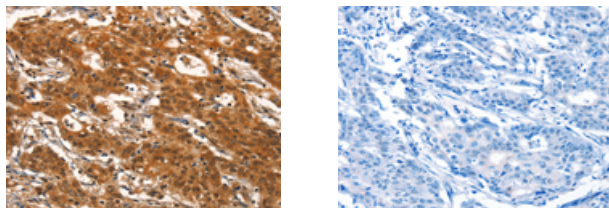
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human gasrtic cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using ml261612(DEAF1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

##### ELISA

Recommended dilution: 1000-2000

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