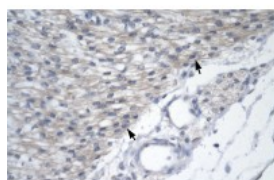


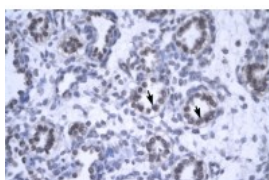


## YEATS4 Antibody

CATALOG NUMBER: 27-299



Antibody used in IHC on Human Heart at 4.0-8.0 ug/ml.



Antibody used in IHC on Human Lung at 4.0-8.0 ug/ml.



Antibody used in WB on Human Jurkat 0.2-1 ug/ml.

### Specifications

<b>SPECIES REACTIVITY:</b>	Dog, Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, IHC, WB
<b>APPLICATIONS:</b>	YEATS4 antibody can be used for detection of YEATS4 by ELISA at 1:62500. YEATS4 antibody can be used for detection of YEATS4 by western blot at 0.5 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1205 - Jurkat Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	25 kDa
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human YEATS4.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4°C. For longer periods of storage, store YEATS4 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	YEATS4, YAF9, GAS41, NUBI-1, 4930573H17Rik, B230215M10Rik
<b>ACCESSION NO.:</b>	NP_006521
<b>PROTEIN GI NO.:</b>	5729838

**OFFICIAL SYMBOL:** YEATS4

**GENE ID:** 8089

### Background

**BACKGROUND:** YEATS4 is found in the nucleoli. It has high sequence homology to human MLLT1, and yeast and human MLLT3 proteins. Both MLLT1 and MLLT3 proteins belong to a class of transcription factors, indicating that the encoded protein might also represent a transcription factor. This protein is thought to be required for RNA transcription. This gene has been shown to be amplified in tumors.

**REFERENCES:** 1) Zimmermann, K., et al., (2002) J. Biol. Chem. 277 (21), 18626-18631.

**FOR RESEARCH USE ONLY**

December 12, 2016