

**YEATS2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51882****Specification**

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**YEATS2 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">O9ULM3</a> |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 150 KDa                |
| Antigen Region    | 331 - 390              |

**YEATS2 Antibody - Additional Information****Gene ID** 55689**Other Names**

YEATS domain-containing protein 2, YEATS2, KIAA1197

**Target/Specificity**

KLH conjugated synthetic peptide derived from human YEATS2

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

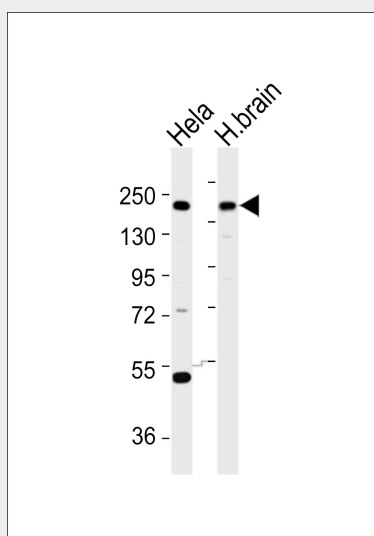
**YEATS2 Antibody - Protein Information****Name** YEATS2 ([HGNC:25489](#))**Function**

Chromatin reader component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (PubMed:<a href="http://www.uniprot.org/citations/18838386" target="\_blank">18838386</a>, PubMed:<a href="http://www.uniprot.org/citations/19103755" target="\_blank">19103755</a>, PubMed:<a href="http://www.uniprot.org/citations/27103431" target="\_blank">27103431</a>). YEATS2 specifically recognizes and binds histone H3 crotonylated at 'Lys-27' (H3K27cr) (PubMed:<a href="http://www.uniprot.org/citations/27103431" target="\_blank">27103431</a>). Crotonylation marks active promoters and enhancers and confers resistance to transcriptional repressors (PubMed:<a href="http://www.uniprot.org/citations/27103431" target="\_blank">27103431</a>).

**Cellular Location**  
Nucleus**YEATS2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**YEATS2 Antibody - Images**

All lanes : Anti-YEATS2 Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates Lane 2: H.brain tissue lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 151 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

**YEATS2 Antibody - Background**

Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.

**YEATS2 Antibody - References**

- Nagase T., et al. DNA Res. 6:337-345(1999).  
Muzny D.M., et al. Nature 440:1194-1198(2006).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).  
Gauci S., et al. Anal. Chem. 81:4493-4501(2009).