10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

YEATS2 Antibody - Product Information

Application	**WB**
Primary Accession	Q9ULM3
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:18838386, PubMed:19103755, PubMed:27103431). YEATS2 specifically recognizes and binds histone H3 crotonylated at 'Lys-27' (H3K27cr) (PubMed:27103431). Crotonylation marks active promoters and enhancers and confers resistance to transcriptional repressors (PubMed:27103431).

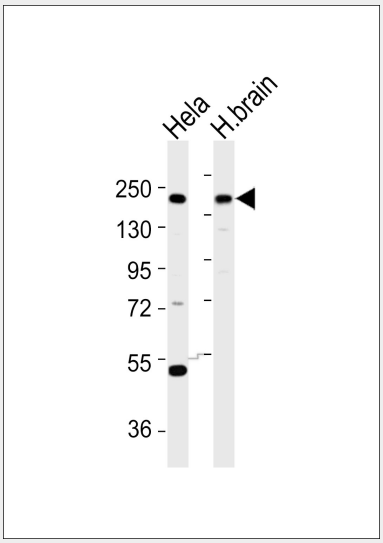
Cellular Location
Nucleus

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 Cytomety
- 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).