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

YEATS2 Polyclonal Antibody
Catalog # AP73109

Specification

YEATS2 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q9ULM3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

YEATS2 Polyclonal Antibody - Additional Information

Gene ID 55689

Other Names
YEATS2; KIAA1197; YEATS domain-containing protein 2

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

YEATS2 Polyclonal 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

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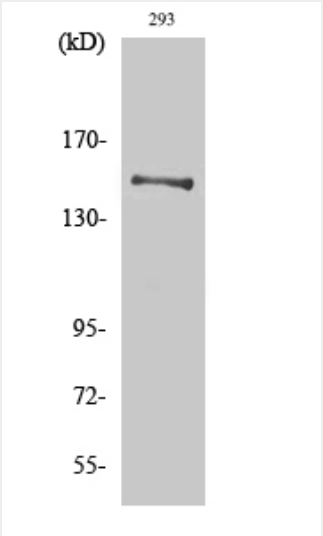
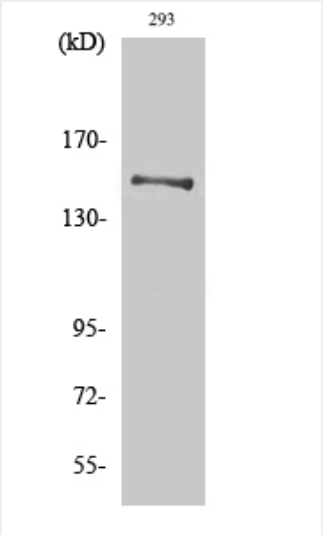
YEATS2 Polyclonal Antibody - Protocols

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 Polyclonal Antibody - Images





YEATS2 Polyclonal Antibody - Background

Chromatin reader component of the ATAC complex, a complex with histone acetyltransferase

activity on histones H3 and H4. 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).