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Datasheet for ABIN6266078

anti-YEATS2 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µL
Target:	YEATS2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YEATS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human YEATS2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	YEATS2 Antibody detects endogenous levels of total YEATS2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	YEATS2
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Target Details

Alternative Name: YEATS2 ([YEATS2 Products](#))

Background: Description: 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).
Gene: YEATS2

Molecular Weight: 150kDa

Gene ID: 55689

UniProt: [Q9ULM3](#)

Application Details

Application Notes: WB 1:1000, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

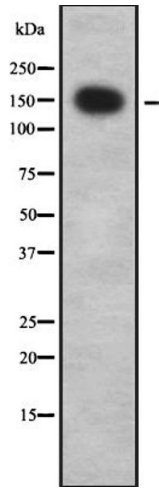
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of YEATS2 using 293 whole cell lysates