

Anti-YEATS2 Antibody

Catalog # AP51882

Product Information

Application	WB
Primary Accession	Q9ULM3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150782

Additional Information

Gene ID	55689
Other Names	KIAA1197; YEATS domain-containing protein 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human YEATS2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

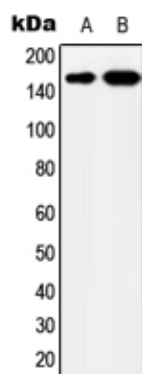
Name	YEATS2 (HGNC:25489)
Function	Chromatin reader component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (PubMed: 18838386 , PubMed: 19103755 , PubMed: 27103431). YEATS2 specifically recognizes and binds histone H3 crotonylated at 'Lys-27' (H3K27cr) (PubMed: 27103431). Crotonylation marks active promoters and enhancers and confers resistance to transcriptional repressors (PubMed: 27103431).
Cellular Location	Nucleus

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).

Images



Western blot analysis of YEATS2 expression in MCF7 (A), HeLa (B) whole cell lysates. (Predicted band size: 150 kD; Observed band size: 150 kD)

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