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# Anti-YEATS2 Antibody

Catalog # AP51882

## Product Information

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

## Additional Information

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|---|---|
| **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

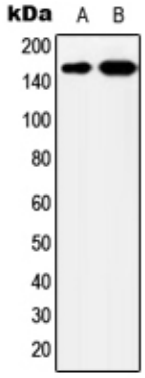
| | |
|---|---|
| **Name** | YEATS2 ( HGNC:25489) |
| **Function** | Chromatin reader component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (PubMed:18838386, PubMed:19103755, PubMed:27103431). YEATS2 specifically recognizes and binds histone H3 crotonylated 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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.