

Yeats2 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13199

Product Information

Application	WB
Primary Accession	Q3TUF7
Other Accession	NM_001145931 , NP_001139403
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	148950

Additional Information

Gene ID	208146
Alias Symbol	BC042768, mKIAA1197
Other Names	YEATS domain-containing protein 2, Yeats2, Kiaa1197
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Yeats2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Yeats2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Yeats2 {ECO:0000312 MGI:MGI:2447762}
Function	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). Crotonylation marks active promoters and enhancers and confers resistance to transcriptional repressors.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q9ULM3}.

References

Carninci P.,et al.Science 309:1559-1563(2005).
Okazaki N.,et al.DNA Res. 10:35-48(2003).
Okazaki N.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-Yeats2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Lung

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