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MBIP Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14510

Product Information

Application	WB
Primary Accession	Q9NS73
Other Accession	NM_016586, NP_057670
Reactivity	Human, Rabbit, Guinea Pig, Horse, Bovine
Predicted	Human, Rabbit, Pig, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39281

Additional Information

Gene ID	51562
Other Names	MAP3K12-binding inhibitory protein 1, MAPK upstream kinase-binding inhibitory protein, MUK-binding inhibitory protein, MBIP
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-MBIP 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	MBIP Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

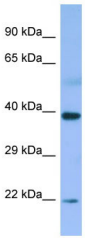
Name	MBIP
Function	Functions as part of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (PubMed:19103755). Inhibits the MAP3K12 activity to induce the activation of the JNK/SAPK pathway (PubMed:10801814). Together with MOCS2B, inhibits the activity of stress kinase EIF2AK2/PKR; this may lead to effects such as suppression of JNK activation and subsequent stress-responsive transcription, or suppression of eIF2a phosphorylation to favor translation (PubMed:26705305).
Cellular Location	Nucleus. Cytoplasm. Note=Shows a cytoplasmic localization when coexpressed with MAP3K12.

Tissue Location	Ubiquitous. High expression seen in the heart and lung

References

Fukuyama K.,et al.J. Biol. Chem. 275:21247-21254(2000).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Li W.B.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Heilig R.,et al.Nature 421:601-607(2003).
Daub H.,et al.Mol. Cell 31:438-448(2008).

Images



WB Suggested Anti-MBIP Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Small Intestine

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