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Anti-BS69 Antibody

Catalog # AP54093

Product Information

Application	WB, IHC
Primary Accession	Q15326
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70963

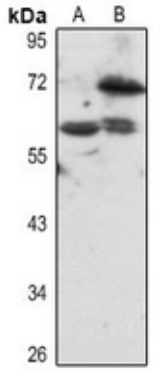
Additional Information

Gene ID	10771
Other Names	BRAM1; BS69; Zinc finger MYND domain-containing protein 11; Adenovirus 5 E1A-binding protein; Bone morphogenetic protein receptor-associated molecule 1; Protein BS69
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BS69. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
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

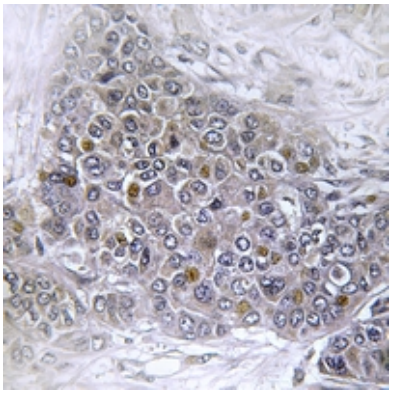
Protein Information

Name	ZMYND11 (HGNC:16966)
Function	Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36' (H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3 subtypes (H3.1 or H3.2) (By similarity). Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage. Binds non-specifically to dsDNA (PubMed:24675531). Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth.
Cellular Location	Nucleus. Chromosome Note=Associates with chromatin and mitotic chromosomes
Tissue Location	Ubiquitous..

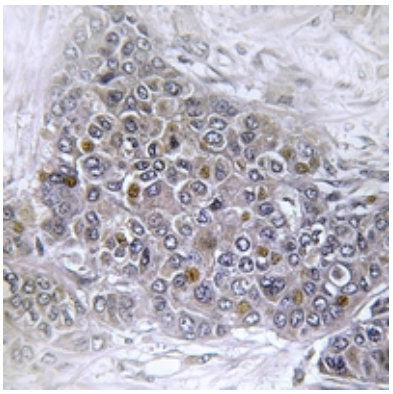
Images



Western blot analysis of BS69 expression in rat liver (A), rat kidney (B) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 70; 60 kD)



Immunohistochemical analysis of BS69 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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