

Anti-BUD31 Antibody

Catalog # AP60721

Product Information

Application	WB, IHC
Primary Accession	P41223
Reactivity	Human, Rat, Zebrafish, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17000

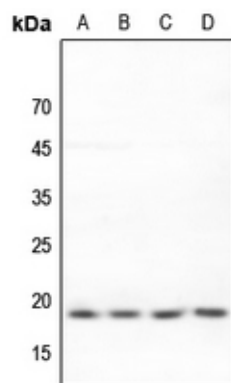
Additional Information

Gene ID	8896
Other Names	EDG2; Protein BUD31 homolog; Protein EDG-2; Protein G10 homolog
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BUD31. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
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

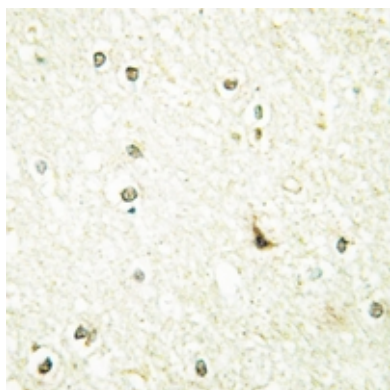
Protein Information

Name	BUD31
Synonyms	EDG2
Function	Involved in the pre-mRNA splicing process (PubMed: 28076346 , PubMed: 28502770). May play a role as regulator of AR transcriptional activity; may increase AR transcriptional activity (PubMed: 25091737).
Cellular Location	Nucleus Note=Detected in chromatin at the promoter of AR target genes
Tissue Location	Detected in epithelial and stromal cells in benign prostate hyperplasia tissue (at protein level)

Images



Western blot analysis of BUD31 expression in MCF7 (A), K562 (B), A549 (C), rat kidney (D) whole cell lysates. (Predicted band size: 17 kD; Observed band size: 17 kD)



Immunohistochemical analysis of BUD31 staining in human brain 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.

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