For research purposes only, not for human use

Product Data Sheet

Anti-BUD31 Antibody

Catalog #	Source	Reactivity	Applications
CPA5129	Rabbit	H, R, B, Z	WB, IH

Description	Rabbit polyclonal antibody to BUD31
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BUD31. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of BUD31 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	BUD31
Alternative Names	EDG2; Protein BUD31 homolog; Protein EDG-2; Protein G10 homolog
Entrez Gene	8896 (Human); 89819 (Rat)
SwissProt	P41223 (Human); O70454 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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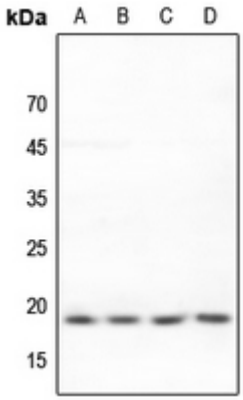
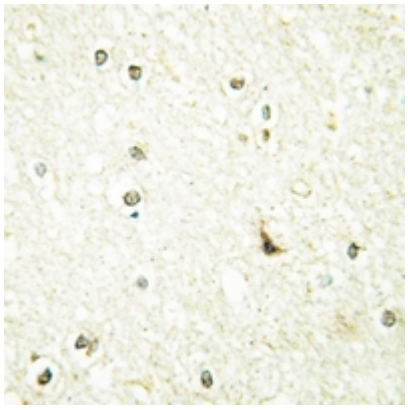


Western blot analysis of BUD31 expression in MCF7 (A), K562 (B), A549 (C), rat kidney (D) whole cell lysates. (Predicted band size: 17 kD; Observed band size: 17 kD)



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.

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