For research purposes only, not for human use

Product Data Sheet

Anti-GAPDH Antibody

Catalog #	Source	Reactivity	Applications
CPA9295	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to GAPDH
Immunogen	Recombinant protein corresponding to human GAPDH.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GAPDH protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 0.2% BSA, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/3000 - 1/10000), IH (1/50 - 1/100)
Gene Symbol	GAPDH
Alternative Names	GAPD; Glyceraldehyde-3-phosphate dehydrogenase; GAPDH; Peptidyl-cysteine S-nitrosylase GAPDH
Entrez Gene	2597 (Human); 100042025 (Mouse); 24383 (Rat)
SwissProt	P04406 (Human); P16858 (Mouse); P04797 (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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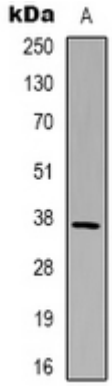
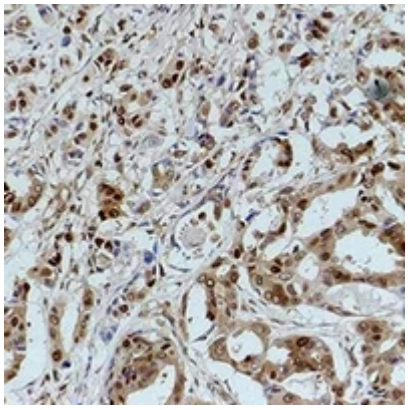


Western blot analysis of GAPDH expression in Hela (A) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 37 kD)



Immunohistochemical analysis of GAPDH 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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