For research purposes only, not for human use

Product Data Sheet

Anti-NFAT3 Antibody

Catalog #	Source	Reactivity	Applications
CPA4755	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to NFAT3
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NFAT3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of NFAT3 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	NFATC4
Alternative Names	NFAT3; Nuclear factor of activated T-cells, cytoplasmic 4; NF-ATc4; NFATc4; T-cell transcription factor NFAT3; NF-AT3
Entrez Gene	4776 (Human); 73181 (Mouse)
SwissProt	Q14934 (Human); Q8K120 (Mouse)
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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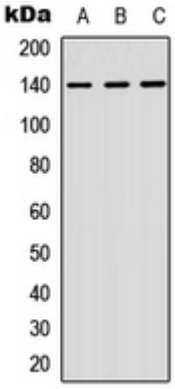
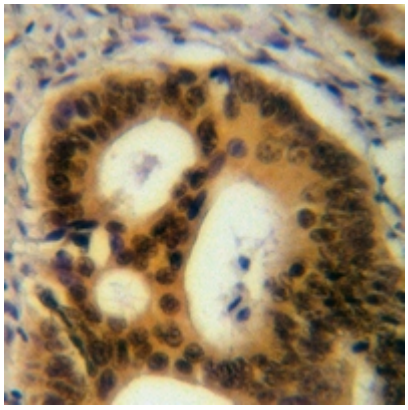


Western blot analysis of NFAT3 expression in Jurkat (A), K562 (B), MCF7 (C) whole cell lysates. (Predicted band size: 95 kD; Observed band size: 140 kD)



Immunohistochemical analysis of NFAT3 staining in human colorectal 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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