For research purposes only, not for human use

Product Data Sheet

Anti-MATK Antibody

Catalog #	Source	Reactivity	Applications
CQA3204	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to MATK
Immunogen	Recombinant full length protein of human MATK
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MATK 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 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	MATK
Alternative Names	CTK; HYL; Megakaryocyte-associated tyrosine-protein kinase; CSK homologous kinase; CHK; Hematopoietic consensus tyrosine-lacking kinase; Protein kinase HYL; Tyrosine-protein kinase CTK
Entrez Gene	4145 (Human); 17179 (Mouse); 60450 (Rat)
SwissProt	P42679 (Human); P41242 (Mouse); P41243 (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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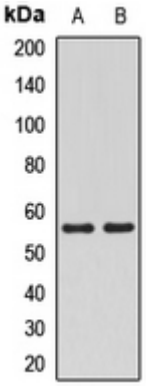
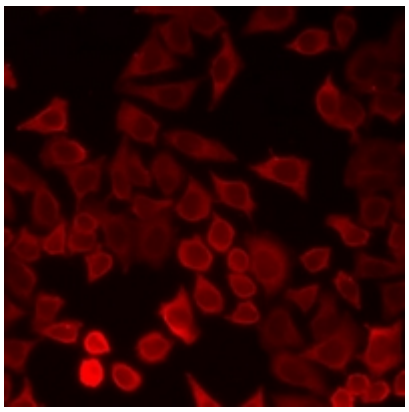


Western blot analysis of MATK expression in MCF7 (A), mouse brain (B) whole cell lysates. (Predicted band size: 51; 56 kD; Observed band size: 56 kD)



Immunohistochemical analysis of MATK 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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