For research purposes only, not for human use

Product Data Sheet

Anti-TET2 Antibody

Catalog #	Source	Reactivity	Applications
CQA3098	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to TET2
Immunogen	Recombinant full length protein of human TET2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of TET2 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	TET2
Alternative Names	KIAA1546; Methylcytosine dioxygenase TET2
Entrez Gene	54790 (Human); 214133 (Mouse)
SwissProt	Q6N021 (Human); Q4JK59 (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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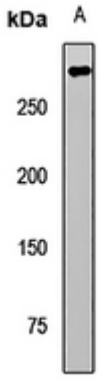
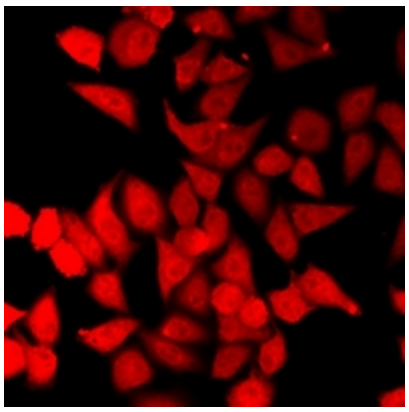


Western blot analysis of TET2 expression in A431 (A) whole cell lysates. (Predicted band size: 130; 133; 223 kD; Observed band size: 280 kD)



Immunohistochemical analysis of TET2 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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