

Product datasheet for **TA809772M**

PPP3CB Mouse Monoclonal Antibody [Clone ID: OTI2E4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E4
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 23-96 of human PPP3CB (NP_001135826) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57.9 kDa
Gene Name:	protein phosphatase 3 catalytic subunit beta
Database Link:	NP_001135826 Entrez Gene 19056 Mouse Entrez Gene 24675 Rat Entrez Gene 5532 Human P16298
Synonyms:	CALNA2; CALNB; CNA2; PP2Bbeta
Protein Families:	Druggable Genome, Phosphatase, Transcription Factors



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Protein Pathways:

Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

Product images:

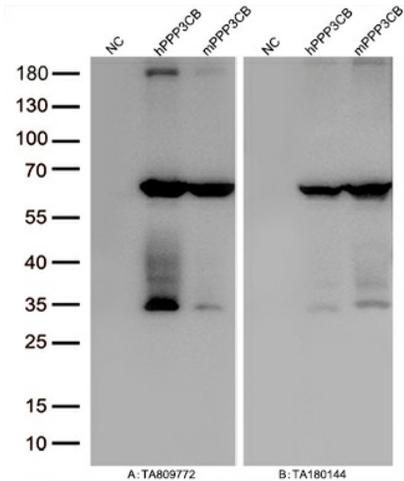
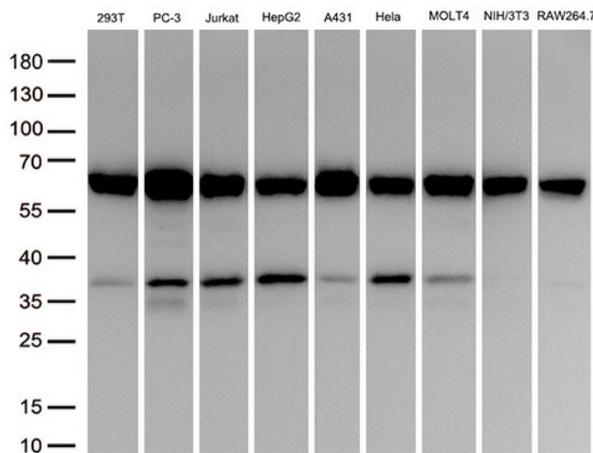


Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human PPP3CB plasmid ([RC227763], hPPP3CB), mouse PPP3CB plasmid ([MR208424], mPPP3CB) using anti-PPP3CB antibody [TA809772] (1:5000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody [TA180144], 1:10000@1mg/ml).



Western blot analysis of extracts (50ug per lane) from 9 different cell lines lysates by using anti-PPP3CB antibody ([TA809772], 1:2000; 1mg/ml).