

Anti-CK1Mt (Tyr153) Antibody



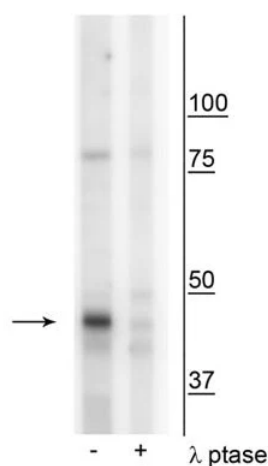
Pooled Serum

Product Details

Available Variants	100 μ L (SKU:p145-153) 25 μ L (SKU:p145-153t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CKMT1A
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Tyr153 of human CK1Mt, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~46 kDa CK1Mt protein phosphorylated at Tyr153. Immunolabeling of CK1Mt is greatly decreased by lambda-phosphatase treatment.
Molecular Weight	46 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2632396
UniProt ID	<u>P12532</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Canine, Guinea Pig, Hamster, Non-Human Primate, Rabbit, Rat, Sheep
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr153
NCBI Gene ID	1159

Product Images



Western blot of mouse mitochondria from whole brain lysate showing specific immunolabeling of the ~46 kDa CK1Mt protein phosphorylated at Tyr153 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is greatly decreased by blot treatment with lambda phosphatase (λ -Ptase, 1200 units for 30 minutes).



