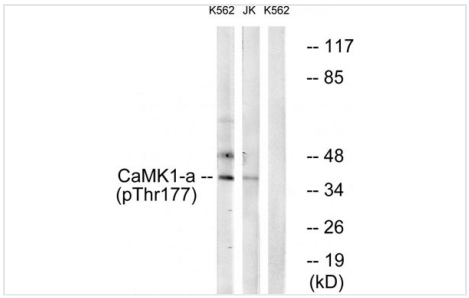
CaMK1A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CaMK1A, Polyclonal Antibody
Full Product Name	CaMK1A antibody (Thr177)
Product Gene Name	anti-CaMK1A antibody
Product Synonym Names	Polyclonal CaMK1A; Anti-CaMK1A; Calcium/calmodulin-dependent protein kinase I; Calcium/calmodulin-dependent protein kinase type 1; CaM kinase I; CaM kinase I alpha; CaM-KI; CAMK1; CAMKI; CaMKI-alpha; KCC1A; MGC120317; MGC120318
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied in PBS buffer (without Mg2+and Ca2+), pH 7.4, 150mM NaCl with 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (lot specific)
Specificity	CaMK1A antibody detects endogenous levels of CaMK1 alpha only when phosphorylated at threonine 177
Preparation and Storage	Store at -20 degree C for 1 year, store at 2-8 degree C for up to 1 month
Cross-Reactivity	Mouse, Rat
Immunogen	CaMK1A antibody was raised in Rabbit using a synthetic phosphopeptide derived from human CaMK1- alpha around the phosphorylation site of threonine 177 (L-S-TP-A-C) as the immunogen
Product Categories/Family for anti-CaMK1A antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-CaMK1A antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-CaMK1A antibody	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:100-1:500 ELISA: 1:5000
Related Product Information for anti-CaMK1A antibody	MBS5300792 is an antibody targeting CaMK1A. Also known as CaMK1A antibody (Thr177). Host: Rabbit. Rabbit polyclonal CaMK1A antibody (Thr177)
Other Notes	Small volumes of anti-CaMK1A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CaMK1A antibody
Western blot analysis of extracts from K562 cells and Jurkat cells all treated with insulin (0.01U/ml, 15mins), using CaMK1-alpha (Phospho-Thr177) antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CaMK1A. It may not necessarily be applicable to this product.

NCBI GI #	117616244
NCBI Accession #	ABK42140.1
NCBI Official Full Name	CaMK1a
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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