

Product datasheet for TA308303

CDC42 binding protein kinase alpha (CDC42BPA) Rabbit Polyclonal Antibody

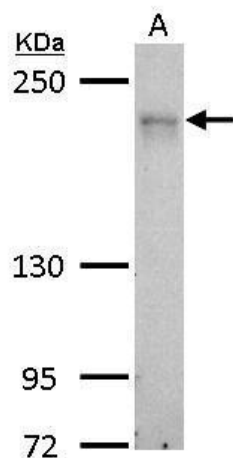
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment contain a sequence corresponding to a region within amino acids 373 and 564 of MRCK alpha
Formulation:	1XPBS, 40% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Affinity purified by Protein A.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	186 kDa
Gene Name:	CDC42 binding protein kinase alpha
Database Link:	NP_003598 Entrez Gene 8476 Human Q5VT25
Background:	The protein encoded by this gene is a member of the Serine/Threonine protein kinase family. This kinase contains multiple functional domains. Its kinase domain is highly similar to that of the myotonic dystrophy protein kinase (DMPK). This kinase also contains a Rac interactive binding (CRIB) domain, and has been shown to bind CDC42. It may function as a CDC42 downstream effector mediating CDC42 induced peripheral actin formation, and promoting cytoskeletal reorganization. Multiple alternatively spliced transcript variants have been described, and the full-length nature of two of them has been reported. [provided by RefSeq]
Synonyms:	MRCK; MRCKA; PK428

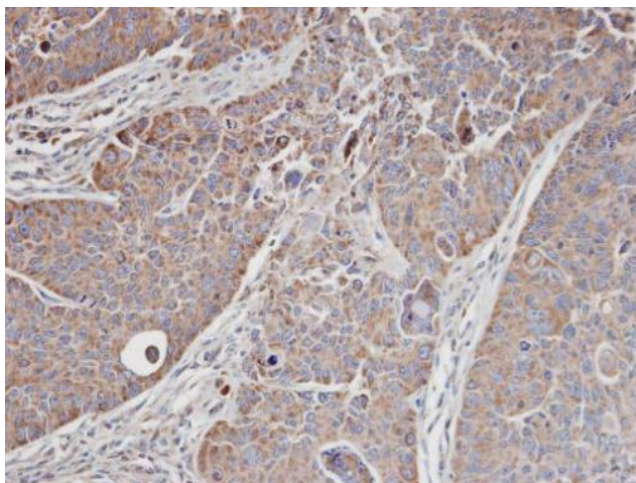

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Protein Families: Druggable Genome, Protein Kinase

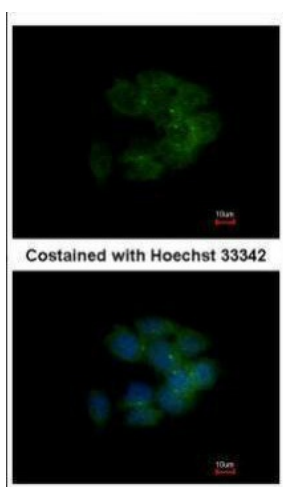
Product images:



MRCK alpha antibody detects CDC42BPA protein by Western blot analysis. A. 30 ug U87-MG whole cell lysate/extract. 5 % SDS-PAGE. MRCK alpha antibody (TA308303) dilution: 1:1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using MRCK alpha (TA308303) antibody at 1:100 dilution.



Immunofluorescence analysis of methanol-fixed HCT116, using MRCK alpha (TA308303) antibody at 1:500 dilution.