

Anti-mDia2 (Thr-1061), Phosphospecific Antibody

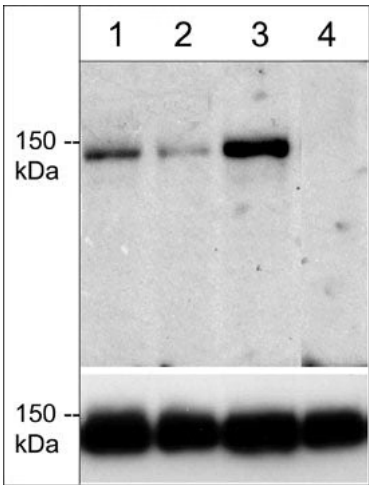


Product Details

Available Variants	100 µL (SKU:DP4481)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	DIAPH2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Phospho-mDia2 (Thr-1061) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding Thr-1061 in mouse mDia2 (Diap3). This peptide sequence is identical in rat and has 2 amino acid differences to human mDia2. The sequence has low homology to other formins.
Specificity	The antibody detects a 135 kDa* protein corresponding to mDia2 in immunoblots of human A7r5 and mouse C2C12 cells treated with calyculin A. The antibody detects transfected mDia2 after treatment with calyculin A, but this reactivity is removed after phosphatase treatment. In addition, the antibody does not detect mDia2 (T1061A) mutant.
Molecular Weight	135
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.
UniProt ID	<u>Q9NSV4</u>
Country of Origin	United States
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.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr-1061

Product Images



Western blot analysis of COS-7 cells expressing flag-tagged mDia2 (lanes 1-3) or mDia2 mutant (T1061A) (lane 4). The cells were untreated (lane 1) or treated with calyculin A (lanes 2 & 3). The blot was treated with alkaline phosphatase (lane 2), then probed with anti-mDia2 (Thr-1061) (upper blot) or anti-flag antibody (lower blot). (Image provided by Dr. Christopher Mack in the Dept. of Pathology at UNC Chapel Hill).

Product Page URL: www.antibodiesinc.com/products/anti-mdia2-thr-1061-phosphospecific-antibody-dp4481

