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Anti-DENND3 (Thr450) Antibody

Our Anti-DENND3 (Thr450) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions is
Catalog # AN1357

Product Information

Application	WB
Primary Accession	A2RUS2
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	135890

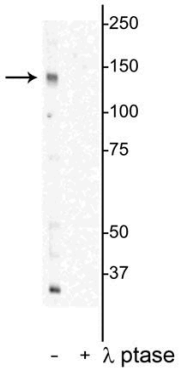
Additional Information

Gene ID	22898
Other Names	DENN Domain Containing 3, DENN Domain-Containing Protein 3, DENN/MADD Domain Containing 3, KIAA0870 DENN/MADD domain containing 3, KIAA0870DENN domain-containing protein 3
Target/Specificity	The DENN (differentially expressed in normal and neoplastic cells) domain (DENND) is a poorly characterized protein module conserved throughout evolution (McPherson et al., 2011). Proteins bearing a DENN domain have recently emerged as the largest family of Rab GEFs. Among these DENN domain proteins, DENND3 is a GEF for Rab12; promoting the exchange of GDP to GTP, converting inactive GDP-bound RAB12 into its active GTP-bound form (McPherson and Xu, 2015; Matsui et al., 2011).
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-DENND3 (Thr450) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

The DENN (differentially expressed in normal and neoplastic cells) domain (DENND) is a poorly characterized protein module conserved throughout evolution (McPherson et al., 2011). Proteins bearing a DENN domain have recently emerged as the largest family of Rab GEFs. Among these DENN domain proteins, DENND3 is a GEF for Rab12; promoting the exchange of GDP to GTP, converting inactive GDP-bound RAB12 into its active GTP-bound form (McPherson and Xu, 2015; Matsui et al., 2011).

Images



Western blot of HeLa cell lysate showing specific immunolabeling of the ~142 kDa DENND3 protein phosphorylated at Thr450 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by lysate treatment with lambda phosphatase (λ-Ptase, 800 units/1mg protein for 30 min).