

Product Datasheet

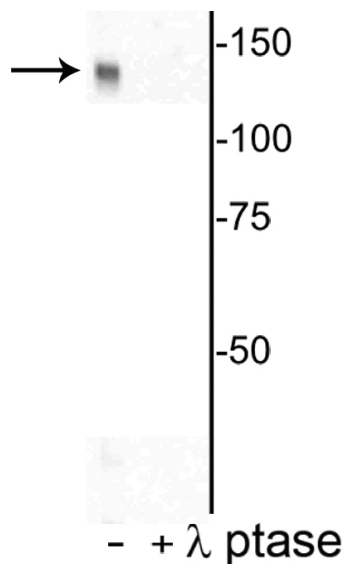
Anti-DENND3 (Thr450)

 **Pooled Serum**

Overview

Catalog #	p1030-450
Host Species	Rabbit Polyclonal
Format	Antigen Affinity Purified from Pooled Serum
Applications	WB 1:1000
Species Tested	Human
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr450 of human DENND3, conjugated to keyhole limpet hemocyanin (KLH).
Molecular Weight	142 kDa
Cite this Antibody	PhosphoSolutions Cat# p1030-450, RRID:AB_2715755

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).

Details

Target Description	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).
Specificity	Specific for endogenous levels of the ~142 kDa DENND3 phosphorylated at Thr450. The immunolabeling is completely eliminated by treatment with λ -phosphatase.
Production/Purification	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phospho peptide affinity columns.
Quality Control	Western blots performed on each lot.
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol.
Stability	After date of receipt, stable for at least 1 year at -20°C.

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