

**Anti-DENND3 (Thr450) Antibody**

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

**Specification**

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**Anti-DENND3 (Thr450) Antibody - Product Information**

Primary Accession	<a href="#">A2RUS2</a>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>135890</b>

**Anti-DENND3 (Thr450) Antibody - 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).

**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

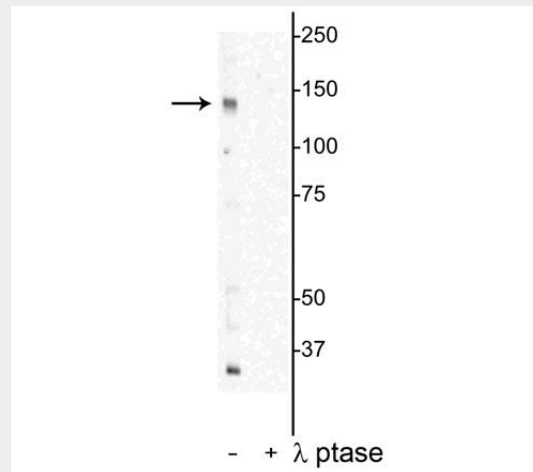
**Anti-DENND3 (Thr450) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-DENND3 (Thr450) Antibody - 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 ( $\lambda$ -Ptase, 800 units/1mg protein for 30 min).

#### Anti-DENND3 (Thr450) Antibody - 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).