

Product datasheet for **AP51240PU-N**

DENND1B (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | FC, IHC, WB |
| Recommended Dilution: | ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/50-1/100. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 46-76 amino acids from the N-terminal region of Human DENND1B. |
| Specificity: | This antibody recognizes Human DENND1B (N-term). |
| Formulation: | PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide |
| Concentration: | lot specific |
| Purification: | Protein A column, followed by peptide affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | DENN domain containing 1B |
| Database Link: | Entrez Gene 163486 Human Q6P3S1 |



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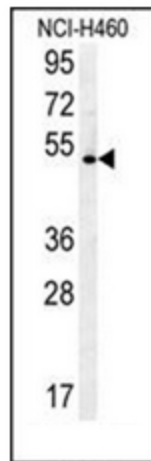
Background: Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connectenn family, such as DENND1B, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2; see MIM 601024). Thus, connectenns link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed 20154091]).

Synonyms: C1orf218, FAM31B, Connectenn 2

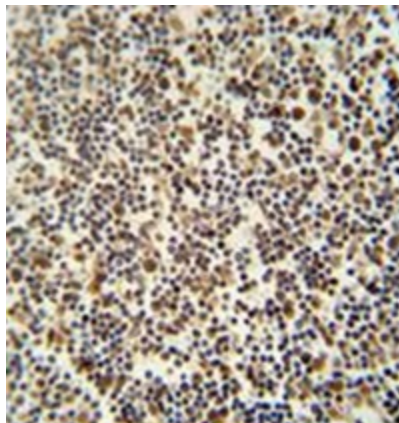
Note: **Molecular Weight:** 48260 Da

Protein Families: Transmembrane

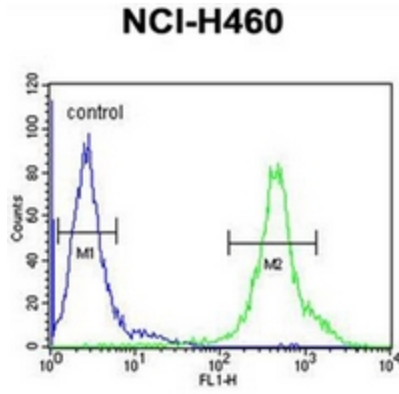
Product images:



Western blot analysis of DENND1B Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the DENND1B antibody detected the DENND1B protein (arrow).



Formalin fixed, paraffin embedded human lymph tissue stained with DENND1B Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow cytometric analysis of NCI-H460 cells using DENND1B Antibody (N-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.