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Datasheet for ABIN184993

anti-Pallidin antibody (C-Term)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | Pallidin (PLDN) |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This Pallidin antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|-------------------|---|
| Purpose: | Pallidin |
| Immunogen: | C-EREKQLTARPAKRM |
| Sequence: | EREKQLTARP AKRM |
| Isotype: | IgG |
| Cross-Reactivity: | Cow, Human, Mouse, Pig, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

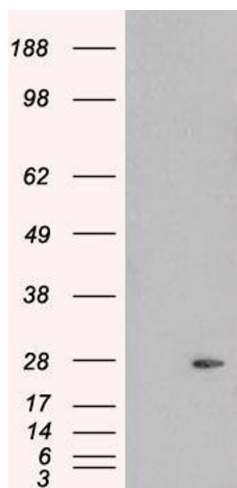
| | |
|-------------------|---|
| Target: | Pallidin (PLDN) |
| Alternative Name: | BLOC1S6 (PLDN Products) |
| Background: | Pallidin homolog (mouse), pallidin, PLDN, PA, PALLID, pallid (mouse) homolog, pallidin, syntaxin 13 binding protein 1, syntaxin 13-interacting protein pallid |
| Gene ID: | 26258 |
| NCBI Accession: | NP_036520 |
| Pathways: | Synaptic Vesicle Exocytosis |

Application Details

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|--------------------|--|
| Application Notes: | Western Blot: Approx 23-24 kDa band observed in lysates of cell line A431 (calculated MW of 19.7 kDa according to NP_036520.1). In transfected HEK293 transiently expressing PLDN a band of approx. 28 kDa is observed. This band is not observed in the non-tran Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

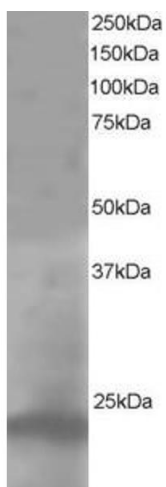
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Western Blotting

Image 1. HEK293 overexpressing PLDN (ABIN5455589) and probed with ABIN184993 (mock transfection in first lane).



Western Blotting

Image 2. ABIN184993 staining (1 μ g/ml) of A431 lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.