

Datasheet for ABIN3042566
anti-EPB41L1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | EPB41L1 |
| Binding Specificity: | AA 585-604, C-Term |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EPB41L1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-----------------------------|---|
| Purpose: | Rabbit IgG polyclonal antibody for Band 4.1-like protein 1(EPB41L1) detection. Tested with WB in Human,Mouse,Rat. |
| Immunogen: | A synthetic peptide corresponding to a sequence at the C-terminus of human EPB41L1(585-604aa QDQERDTVFLKDNHLAIERK), different from the related mouse and rat sequences by one amino acid. |
| Sequence: | QDQERDTVFL KDNHLAIERK |
| Isotype: | IgG |
| Cross-Reactivity (Details): | <p>Predicted Cross Reactivity: human</p> <p>No cross reactivity with other proteins.</p> <p>Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.</p> |

Product Details

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|------------------|--|
| Characteristics: | Rabbit IgG polyclonal antibody for Band 4.1-like protein 1 (EPB41L1) detection. Tested with WB in Human, Mouse, Rat. Gene Name: erythrocyte membrane protein band 4.1-like 1 Protein Name: Band 4.1-like protein 1 |
| Purification: | Immunogen affinity purified. |

Target Details

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|-------------------|---|
| Target: | EPB41L1 |
| Alternative Name: | EPB41L1 (EPB41L1 Products) |
| Background: | <p>Band 4.1-like protein 1 is a protein that in humans is encoded by the EPB41L1 gene. This gene is mapped to 20q11.23. It is found that a heterozygous missense mutation in the EPB41L1 gene causing nonsyndromic intellectual disability. This gene may function to confer stability and plasticity to neuronal membrane via multiple interactions, including the spectrin-actin-based cytoskeleton, integral membrane channels and membrane-associated guanylate kinases. EPB41L1 has been shown to interact with ITPR1, Dopamine receptor D2, Dopamine receptor D3, CENTG1 and Nuclear mitotic apparatus protein 1.</p> <p>Synonyms: 4.1N antibody Band 4.1 like protein 1 antibody Band 4.1-like protein 1 antibody DKFZp686H17242 antibody EPB41L 1 antibody Epb41l1 antibody Erythrocyte membrane protein band 4.1 like 1 antibody KIAA0338 antibody MGC11072 antibody MRD11 antibody Neuron type nonerythroid protein 4.1 antibody Neuronal protein 4.1 antibody Nonerythroid protein 4.1 antibody Nonerythroid protein 4.1, neuron type antibody OTTHUMP00000030825 antibody OTTHUMP00000030826 antibody OTTHUMP00000030827 antibody OTTHUMP00000030829 antibody</p> |
| UniProt: | Q9H4G0 |

Application Details

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| Application Notes: | WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Rat, Predicted Species: Human Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users. |
| Comment: | Antibody can be supported by chemiluminescence kit ABIN921124 in WB. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide. |
| Preservative: | Thimerosal (Merthiolate), Sodium azide |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing. |

Images



Western Blotting

Image 1.