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Datasheet for ABIN6719451 anti-BCL9L antibody (AA 397-666)



Overview

| Overview | |
|-----------------------------|--|
| Quantity: | 100 µg |
| Target: | BCL9L |
| Binding Specificity: | AA 397-666 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |
| Product Details | |
| Purpose: | Rabbit IgG polyclonal antibody for BCL9L detection. Tested with WB, IHC-P, Direct ELISA in |
| | Human,Mouse,Rat. |
| Immunogen: | E.coli-derived human BCL9L recombinant protein (Position: E397-A666). |
| lsotype: | lgG |
| Cross-Reactivity (Details): | No cross reactivity with other proteins. |
| Characteristics: | Rabbit IgG polyclonal antibody for BCL9L detection. Tested with WB, IHC-P, Direct ELISA in |
| | Human,Mouse,Rat. |
| Purification: | Immunogen affinity purified. |
| Target Details | |
| Target: | BCL9L |
| | |

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| Target Details | |
|---------------------|--|
| Alternative Name: | BCL9L (BCL9L Products) |
| Background: | Synonyms: B-cell CLL/lymphoma 9-like protein, B-cell lymphoma 9-like protein, BCL9-like protein, Protein BCL9-2, BCL9L, DLNB11 |
| | Background: B-cell CLL/lymphoma 9 like is a protein that in humans is encoded by the BCL9L gene. It is mapped to 11q23.3. Bcl-9 (B-cell lymphoma 9, also Protein legless homolog) is a transcriptional regulator that belongs to the Bcl-9 family of proteins. It is expressed in multiple tissues and serves to recruit Pygopus to the Wnt-pathway beta -catenin-TCF complex in the nucleus. Bcl-9 and Bcl-9-2 are considered evolutionary duplicates of Legless that perform the same task with different regulation. Human Bcl-9 is 1426 amino acids (aa) in length. It contains one phosphothreonine and three phosphoserine sites that have been identified so far, two poly- Pro regions (aa 514-517 and 970-973), and one poly-Ala segment (aa 900-903). There is one potential alternate start site at Met27, and a variant isoform exists that shows a four aa substitution for aa 1391-1426. Over aa 1009-1328, human Bcl-9 is 96 % aa identical to mouse Bcl-9. |
| Gene ID: | 283149 |
| Pathways: | Stem Cell Maintenance |
| Application Details | |
| Application Notes: | Application details: Western blot 0.1-0.5 μg/mL Immunohistochemistry(Paraffin-embedded Section) 0.5-1 μg/mL Direct ELISA 0.1-0.5 μg/mL |
| Comment: | Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL. |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |

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| | should be handled by trained staff only. |
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| 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. |