

## ARG64288 anti-Bisphosphate 3' nucleotidase antibody

Package: 100 µg  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes Bisphosphate 3' nucleotidase                             |
| Tested Reactivity   | Hu   |
| Predict Reactivity  | Ms, Rat  |
| Tested Application  | WB   |
| Host                | Goat   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | Bisphosphate 3' nucleotidase   |
| Species             | Human  |
| Immunogen           | C-RNYDYYASRVPEIK   |
| Conjugation         | Un-conjugated  |
| Alternate Names     | HEL20; EC 3.1.3.7; PAP-inositol 1,4-phosphatase; 2'; PIP; 3'; Bisphosphate 3'-nucleotidase 1 |

### Application Instructions

|                   |  |             |
|-------------------|--|-------------|
| Application table | Application  | Dilution    |
|                   | WB   | 1 - 3 µg/ml |
| Application Note  | WB: Recommend incubate at RT for 1h.<br>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |             |

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified from goat serum by antigen affinity chromatography.   |
| Buffer              | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.   |
| Preservative        | 0.02% Sodium azide   |
| Stabilizer          | 0.5% BSA   |
| Concentration       | 0.5 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

Bioinformation

|                |  |
|----------------|--|
| Database links | <a href="#">GeneID: 10380 Human</a><br><a href="#">Swiss-port # O95861 Human</a>   |
| Background     | BPNT1, also called bisphosphate 3-prime-nucleotidase, or BPntase, is a member of a magnesium-dependent phosphomonoesterase family. Lithium, a major drug used to treat manic depression, acts as an uncompetitive inhibitor of BPntase. The predicted human protein is 92% identical to mouse BPntase. BPntase's physiologic role in nucleotide metabolism may be regulated by inositol signaling pathways. The inhibition of human BPntase may account for lithium-induced nephrotoxicity. [provided by RefSeq, Jul 2008] |
| Research Area  | Neuroscience antibody  |
| Calculated Mw  | 33 kDa   |

Images



ARG64288 anti-Bisphosphate 3' nucleotidase antibody WB image

Western blot: Human Liver lysate (35 µg protein in RIPA buffer) stained with ARG64288 anti-Bisphosphate 3' nucleotidase antibody at 1 µg/ml dilution.