

Datasheet for ABIN185608

anti-BMPR1A antibody (Internal Region)





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| Overview | |
|----------------------|---------------------------------------|
| Quantity: | 100 μg |
| Target: | BMPR1A |
| Binding Specificity: | Internal Region |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This BMPR1A antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |
| Product Details | |
| | |

| Purpose: | BMPR1A |
|-------------------|---|
| Immunogen: | Peptide with sequence C-KSDSDQKKSEN, from the internal region of the protein sequence according to NP_004320.2. |
| Sequence: | KSDSDQKKSE N |
| Isotype: | IgG |
| Cross-Reactivity: | Dog, Human |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

| Target Details | | |
|---------------------|---|--|
| Target: | BMPR1A | |
| Alternative Name: | BMPR1A | |
| Background: | BMPR1A, bone morphogenetic protein receptor, type IA , HGNC:1076, ACVRLK3, ALK3, activin A receptor, type II-like kinase 3 | |
| Gene ID: | 657 | |
| NCBI Accession: | NP_004320 | |
| Pathways: | Stem Cell Maintenance | |
| Application Details | | |
| Application Notes: | Western Blot: Approx 60 kDa band observed in lysates of cell lines HeLa and HepG2 (calculated MW of 60.2 kDa according to NP_004320.2). Recommended concentration: 1-3 µg/mL. An additional band of 20 kDa was consistently observed, however this band was not b Peptide ELISA: antibody detection limit dilution 1:16000. | |
| Restrictions: | ions: 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. |

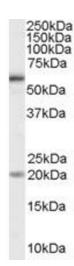


Image 1. ABIN185608 (1μg/ml) staining of HeLa cell lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.