

## Goat anti-HOXD13 Antibody

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| Item Number     | dAP-3500   |
| Target Molecule | Principle Name: HOXD13; Official Symbol: HOXD13; All Names and Symbols: HOXD13; homeobox D13; BDE; BDSD; HOX4I; SPD; homeo box 4I; homeo box D13; homeobox protein Hox-4I; homeobox protein Hox-D13; Accession Number (s): NP_000514.2; Human Gene ID(s): 3239; Non-Human GenID(s): 15433 (mouse) 288154 (rat) |
| Immunogen       | CTKDQPQGSHFWKS, is from internal region  |
| Applications    | Pep ELISA, WB<br>Species Tested: Human, Mouse, Rat   |
| Purification    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| Supplied As     | Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.                       |
| Peptide ELISA   | Peptide ELISA: antibody detection limit dilution 1 to 1000.  |
| Western Blot    | Western Blot: Approx 38kDa band observed in Human (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 36.1kDa according to Human NP_000514.2, 35.9kDa according to Mouse NP_032301.2 and 34.9kDa according to Rat NP_001099356.1). Recommended dilution > 1:100.                                       |
| IHC             | Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for <b>Research Use Only</b>  |
| Reference       | Reference(s): Woo CJ, Kharchenko PV, Daheron L, Park PJ, Kingston RE. A region of the human HOXD cluster that confers polycomb-group responsiveness. <i>Cell</i> . 2010 Jan 8;140(1):99-110. : . PMID: 20085705  |

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