

## Goat anti-PHF19 (isoform b) Antibody

**Item Number** dAP-3166

**Target Molecule** Principle Name: PHF19 (isoform b); Official Symbol: PHF19; All Names and Symbols: PHF19; PHD finger protein 19; MTF2L1; PCL3; TDRD19B; hPCL3; polycomb like 3; polycomb-like 3; polycomb-like protein 3; tudor domain containing 19B; Accession Number (s): NP\_001009936.1; Human Gene ID(s): 26147; Non-Human GenID(s):

**Immunogen** DQRLPSQSLSSKQKQGH, is from internal region (near C Terminus)  
This antibody is expected to recognize both reported isoforms (NP\_056466.1; NP\_001009936.1).

**Applications** Pep ELISA

Species Tested:

**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.  
Aliquot and store at -20°C. Minimize freezing and thawing.

**Peptide ELISA** Peptide ELISA: antibody detection limit dilution 1 to 128000.

**Western Blot** Western Blot: Preliminary experiments in Human Kidney, Skeletal Muscle and Placenta lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results

**IHC**

**Reference** Reference(s): Brien GL, Gambero G, O'Connell DJ, Jerman E, Turner SA, Egan CM, Dunne EJ, Jurgens MC, Wynne K, Piao L, Lohan AJ, Ferguson N, Shi X, Sinha KM, Loftus BJ, Cagney G, Bracken AP. Polycomb PHF19 binds H3K36me3 and recruits PRC2 and demethylase NO66 to embryonic stem cell genes

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 **Research Use Only**