

## Goat anti-RAP80 Antibody

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| <b>Item Number</b>     | dAP-1893  |
| <b>Target Molecule</b> | Principle Name: RAP80; Official Symbol: UIMC1; All Names and Symbols: UIMC1; ubiquitin interaction motif containing 1; RAP80; X2HRIP110; OTTHUMP00000161441; receptor associated protein 80; retinoid x receptor interacting protein; Accession Number (s): NP_057374.3; Human Gene ID(s): 51720; Non-Human GeneID(s): 20184 (mouse) 290997 (rat) |
| <b>Immunogen</b>       | TRRQKEAKTKSDSG, is from internal region   |
| <b>Applications</b>    | Pep ELISA, IHC<br>Species Tested: Human   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 32000.  |
| <b>Western Blot</b>    | Western Blot: Preliminary experiments gave an approx 60kDa band in Human Heart and Spleen lysates and in lysates of cell lines A431, HeLa and HepG2 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature  |
| <b>IHC</b>             | Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.   |
| <b>Reference</b>       | Reference(s): Nikkilä J, Coleman KA, Morrissey D, Pykäs K, Erkkö H, Messick TE, Karppinen SM, Amelina A, Winqvist R, Greenberg RA. Familial breast cancer screening reveals an alteration in the RAP80 UIM domain that impairs DNA damage response function. Oncogene 2009 Apr 28 (16): 1843-52..PMID:  |

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 ender users! This product is sold for **Research Use Only**