



## Goat anti-PAX8 (internal) Antibody

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| <b>Item Number</b>     | dAP-1068  |
| <b>Target Molecule</b> | Principle Name: PAX8 (internal); Official Symbol: PAX8; All Names and Symbols: PAX8; paired box gene 8; HGNC:8622 ; paired domain gene 8; paired box 8; Accession Number (s): NP_003457.1; NP_039245.1; NP_039246.1; NP_039247.1; NP_054698.1; Human Gene ID(s): 7849; Non-Human GeneID(s):                       |
| <b>Immunogen</b>       | AQPGSDKRKMDD, is from internal region<br>This antibody is expected to recognise all reported isoforms (NP_003457.1; NP_039245.1; NP_039246.1; NP_039247.1; NP_054698.1)   |
| <b>Applications</b>    | Pep ELISA, WB Trf<br><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: In transfected HEK293 transiently expressing PAX8A a band of approx. 55kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.5-1.5µg/ml.   |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Castro P, Rebocho AP, Soares RJ, Magalhaes J, Roque L, Trovisco V, Vieira de Castro I, Cardoso-de-Oliveira M, Fonseca E, Soares P, Sobrinho-Simoes M. PAX8-PPAR{gamma} rearrangement is frequently detected in the follicular variant of papillary thyroid carcinoma. J Clin Endocrinol Metab. 2005 |

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**