



## Goat anti-PAX3 Antibody

<b>Item Number</b>	dAP-0413
<b>Target Molecule</b>	Principle Name: PAX3; Official Symbol: PAX3; All Names and Symbols: PAX3; WS1; CDHS; HUP2; paired box gene 3 (Waardenburg syndrome 1); paired domain gene 3; paired box homeotic gene 3 (Waardenburg syndrome 1); paired box 3; MGC120381; MGC120382; MGC120383; MGC120384; MGC134778; paired box homeotic gene 3; paired domain ge; Accession Number (s): NP_852122.1; NP_000429.2; NP_039230.1; NP_852123.1; NP_852124.1; NP_852126.1; NP_852125.1; NP_001120838.1; Human
<b>Immunogen</b>	TTLGAVPRMM, is from N Terminus This antibody is expected to recognize all 8 reported isoforms (NP_852122.1; NP_000429.2; NP_039230.1; NP_852123.1; NP_852124.1; NP_852126.1; NP_852125.1; NP_001120838.1).
<b>Applications</b>	Pep ELISA, WB, IHC  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. 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: Approx 45kDa band observed in lysates of Human Duodenum, Skin, and in lysates of cell lines A431 (calculated MW of 45.2kDa according to NP_852125.1 and of 44.8kDa according to NP_852126.1). Recommended concentration: 0.3-1µg/ml. Primary in
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Esophagus expression of PAX3 is detected in squamous epithelium. Recommended concentration: 4.5µg/ml.
<b>Reference</b>	Reference(s): Tsukamoto K, Nakamura Y, Niikawa N. Isolation of two isoforms of the PAX3 gene transcripts and their tissue-specific alternative expression in human adult tissues. Hum Genet. 1994 Mar;93(3):270-4..PMID: 7545913 ->

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**