



## Goat anti-Mucin 10 / Prol1 Antibody

<b>Item Number</b>	dAP-2685
<b>Target Molecule</b>	Principle Name: Mucin 10 / Prol1; Official Symbol: Prol1; All Names and Symbols: Prol1; proline rich, lacri-mal 1; Muc10; mucin 10; mucin 10, submandibular gland salivary mucin; Accession Number (s): NP_032670.2; Human Gene ID(s): ; Non-Human GeneID(s): 17830 (mouse)
<b>Immunogen</b>	PKRQIISDKTKP, is from internal region
<b>Applications</b>	Pep ELISA Species Tested:
<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 8000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 48kDa band in Mouse Eye lysates after 2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 33.6kDa a
<b>IHC</b>	
<b>Reference</b>	Reference(s): Wisner A, Dufour E, Messaoudi M, Nejd A, Marcel A, Ungeheuer MN, Rougeot C, Human Opiorphin, a natural antinociceptive modulator of opioid-dependent pathways. Proceedings of the National Academy of Sciences of the United States of America 2006 Nov 103 (47): 17979-84..PMID: 17101991->

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**