

Product Datasheet

Prol1 Antibody (orb1249350)

Catalog Number	orb1249350
Description	Prol1 Antibody
Reactivity	Mouse
Conjugation	Unconjugated
Tested Applications	ELISA, IHC
Immunogen	The immunogen for this antibody is: C-QFPVRKYLEDPRY
Target	Prol1
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Form/Appearance	Liquid
Concentration	500 ug/mL
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only

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Application notes

Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Preliminary experiments gave an approx 45kDa band in Mouse Eye lysates after 1ug/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 according to NP_032670.2. The 45kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? Immunohistochemistry: Positive staining in the submandibular salivary gland of the mouse, while cells remain negative in the sublingual salivary gland. Data provided by Everest Grant winner Melinda Larsen State University of New York, Albany, NY. A publication from this author includes the use of this antibody: Nelson et al, Biol Open. 2013 Apr 18;2(5):439-47, PMID: 23789091.

Clonality

Polyclonal

Antibody Type

Primary Antibody

Uniprot ID

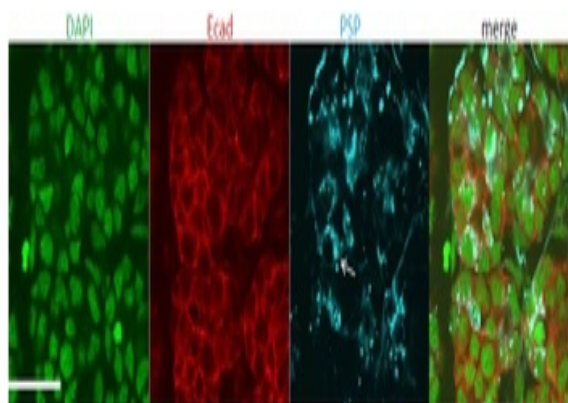
E9PYQ4

NCBI

NP_032670.2

Expiration Date

12 months from date of receipt.



orb1249350 (2.9 ug/ml) staining of cells in the submandibular salivary gland (SMG), but not in the sublingual salivary gland (SLG) in mouse.

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