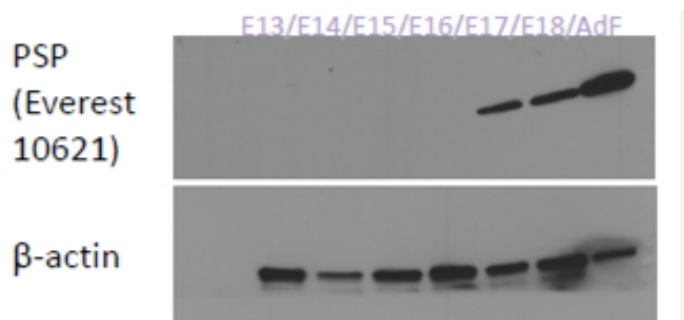


GOAT ANTI-PAROTID SECRETORY PROTEIN (MOUSE AA146-160) ANTIBODY

SKU: EB10621



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias Bpifa2e| OTTMUSP00000036473| OTTMUSP00000018314| parotid secretory protein|Psp

Names

Usage Summary **Immunocytochemistry:** A subset of murine submandibular gland cells (E18) show specific staining in secretory granules. Recommended concentration 4ug/ml. Data provided by Everest Grant winner Melinda Larsen, State University of New York, Albany, NY.

Accession ID NP_032979.1

Blocking Peptide EBP10621

Immunogen Peptide with sequence C-KTNAQTGLPEVTIGK, from the internal region of the protein sequence according to NP_032979.1.

Peptide Sequence C-KTNAQTGLPEVTIGK

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species	Mouse
Reactive Species	Mouse
Mouse Gene ID	19194
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 25kDa band observed in Mouse mandibular glands from E17 onwards (calculated MW of 24.8kDa according to NP_032979.1). Recommended concentration: 1-3µg/ml. Data provided by Everest Grant winner Melinda Larsen, State University of New York, Albany, NY. This antibody has been successfully used in WB on Mouse, PMID: 32390232.
Application Type	Pep-ELISA, WB, ICC

SELECTED REFERENCES

[{"pmid": 30310071, "intro": "**This antibody has been successfully used in ICC/ IF on Mouse:**", "title": "Generation of orthotopically functional salivary gland from embryonic stem cells.", "author": "Tanaka, J., Ogawa, M., et al.", "journal": "Nat Commun. 2018 Oct 11;9(1):4216."}, {"pmid": 26185754, "intro": "**This antibody has been successfully used in IF on Mouse:**", "title": "Regenerating Salivary Glands in the Microenvironment of Induced Pluripotent Stem Cells.", "author": "Ono H, Obana A, Usami Y, Sakai M, Nohara K, Egusa H, Sakai T.", "journal": "Biomed Res Int. 2015;2015:293570. doi: 10.1155/2015/293570. Epub 2015 Jun 22."}, {"pmid": 32390232, "intro": "**This antibody has been successfully used in Western blot on Mouse:**", "title": "The parotid secretory protein BPIFA2 is a salivary surfactant that affects lipopolysaccharide action", "author": "Seshagiri Rao Nandula, Ian Huxford, Thomas T. Wheeler, Conrado Aparicio and Sven?Ulrik Gorr", "journal": "Exp Physiol. 2020 May 11. doi: 10.1113/EP088567"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

