

PRLR / Prolactin Receptor Antibody
Mouse Monoclonal Antibody
Catalog # ALS12141**Specification**

PRLR / Prolactin Receptor Antibody - Product Information

Application	IHC
Primary Accession	P16471
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	70kDa KDa

PRLR / Prolactin Receptor Antibody - Additional Information**Gene ID** 5618**Other Names**

Prolactin receptor, PRL-R, PRLR

Target/Specificity

Recognizes human Prolactin Receptor.

Reconstitution & Storage

Short term +4°C (no longer than one week); Long term -20°C; Aliquot to avoid freeze/thaw cycles.

Precautions

PRLR / Prolactin Receptor Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PRLR / Prolactin Receptor Antibody - Protein Information**Name** PRLR**Function**

This is a receptor for the anterior pituitary hormone prolactin (PRL). Acts as a prosurvival factor for spermatozoa by inhibiting sperm capacitation through suppression of SRC kinase activation and stimulation of AKT. Isoform 4 is unable to transduce prolactin signaling. Isoform 6 is unable to transduce prolactin signaling.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

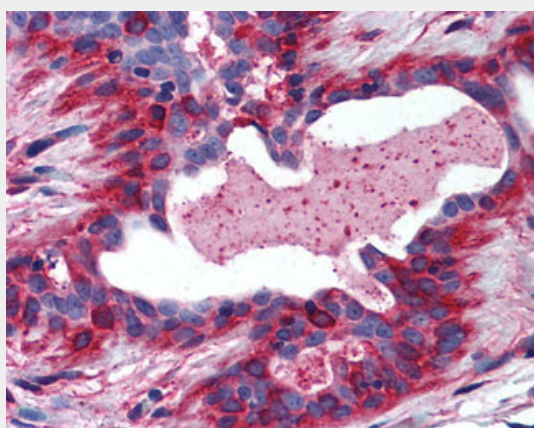
Expressed in breast, placenta, kidney, liver and pancreas.

PRLR / Prolactin Receptor Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRLR / Prolactin Receptor Antibody - Images



Anti-Prolactin Receptor antibody IHC of human breast.

PRLR / Prolactin Receptor Antibody - Background

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PRLR / Prolactin Receptor Antibody - References

- Boutin J.-M., et al. Mol. Endocrinol. 3:1455-1461(1989).
Kline J.B., et al. J. Biol. Chem. 274:35461-35468(1999).
Hu Z.-Z., et al. J. Clin. Endocrinol. Metab. 84:1153-1156(1999).
Hu Z.Z., et al. J. Biol. Chem. 276:41086-41094(2001).
Kline J.B., et al. Mol. Endocrinol. 16:2310-2322(2002).