

**Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061)
Recombinant Antibody
Catalog # APR10532**

Specification

Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) - Product Information

Application	FC, E, FTA
Primary Accession	P16471
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) - Additional Information

Target/Specificity

PRLR / Prolactin Receptor

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) - 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

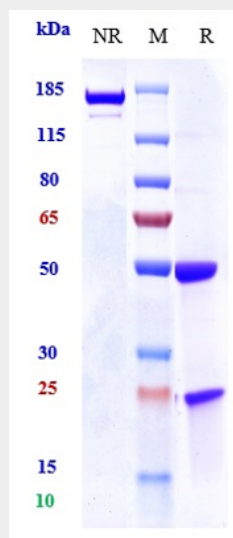
Expressed in breast, placenta, kidney, liver and pancreas.

Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) - Protocols

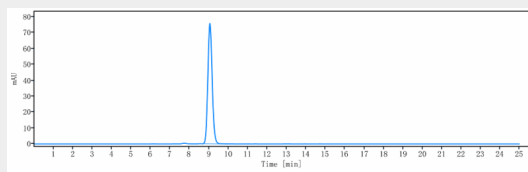
Provided below are standard protocols that you may find useful for product applications.

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

Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) - Images



Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-PRLR / Prolactin Receptor Reference Antibody (BAY 1158061) is more than 95%, determined by SEC-HPLC.