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Datasheet for ABIN1397339

## anti-Prolactin Receptor antibody (AA 251-350) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	Prolactin Receptor (PRLR)
Binding Specificity:	AA 251-350
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prolactin Receptor antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Prolactin Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Prolactin Receptor (PRLR)
Alternative Name:	PRLR ( <a href="#">PRLR Products</a> )

## Target Details

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Background: Synonyms: HPRL, MFAB, hPRLrI, Prolactin receptor, PRL-R, PRLR  
Background: 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.

Gene ID: 5618

UniProt: [P16471](#)

Pathways: [JAK-STAT Signaling](#), [Response to Growth Hormone Stimulus](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months