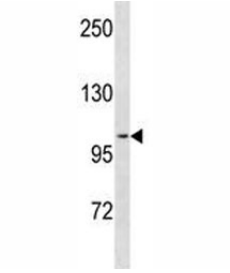
PR Antibody / Progesterone Receptor / Isoform A & B (F47596)

Catalog No.	Formulation	Size
F47596-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47596-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Rabbit
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P06401
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1:1000
Limitations	This PR antibody is available for research use only.



PR antibody western blot analysis in ZR-75-1 lysate. Expected molecular weight: 82-94 kDa (isoform A) and 99-120 kDa (isoform B).

Description

This gene encodes a member of the steroid receptor superfamily. The encoded protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. This gene uses two distinct promotors and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform B and

mediate their own response genes and physiologic effects with little overlap. The location of transcription initiation for isoform A has not been clearly determined.

Application Notes

Titration of the PR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 833-861 from the human protein was used as the immunogen for this PR antibody.

Storage

Aliquot the PR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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