

Product datasheet for **TA308936**

Progesterone Receptor (PGR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat, Pig, Chimpanzee)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 18 and 112 of Progesterone Receptor (Uniprot ID#P06401)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	99 kDa
Gene Name:	progesterone receptor
Database Link:	NP_000917 Entrez Gene 18667 Mouse Entrez Gene 25154 Rat Entrez Gene 5241 Human P06401

Background: 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 promoters 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. [provided by RefSeq]



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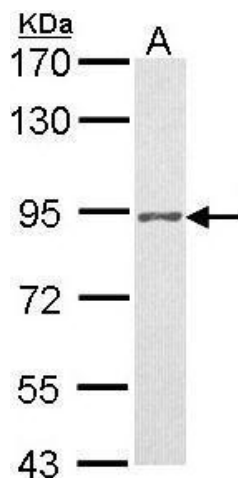
Synonyms: NR3C3; PR

Note: Seq homology of immunogen across species: Mouse (83%), Rat (92%), Pig (92%), Chimpanzee (93%)

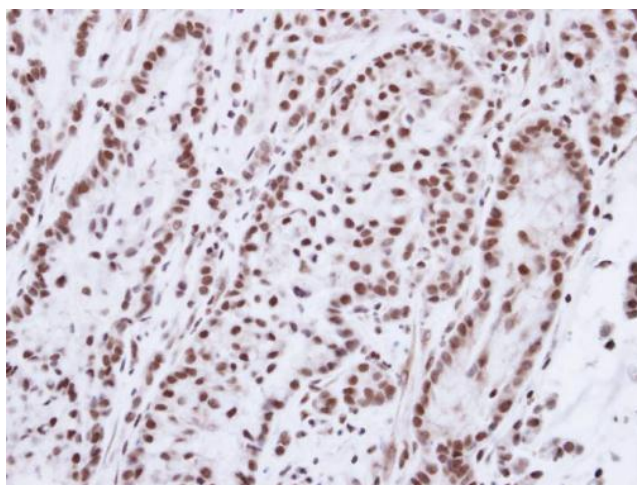
Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Oocyte meiosis, Progesterone-mediated oocyte maturation

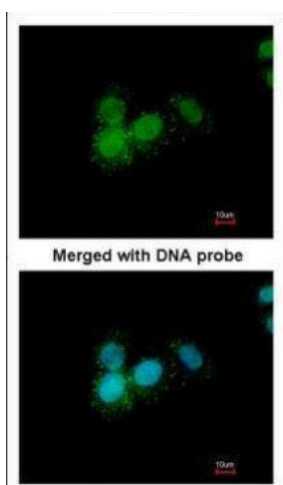
Product images:



Sample (30 ug of whole cell lysate). A: H1299. 7.5% SDS PAGE. TA308936 diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded A549 xenograft, using Progesterone receptor (TA308936) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed A549, using Progesterone receptor (TA308936) antibody at 1:200 dilution.