

Product datasheet for **AP01525PU-N**

Androgen Receptor (AR) pSer650 Rabbit Polyclonal Antibody

Product data:

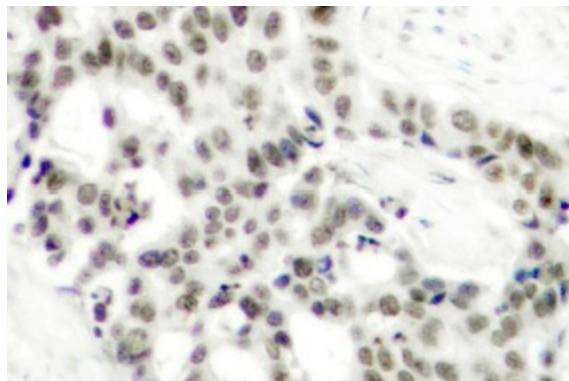
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	p-Androgen Receptor (pSer650) antibody detects endogenous levels of p-Androgen Receptor protein.
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	androgen receptor
Database Link:	Entrez Gene 367 Human P10275
Background:	Androgens exhibit a wide range of effects on the development, maintenance and regulation of male phenotype and reproductive physiology in males. The androgen receptor (AR) is a member of the steroid superfamily of liganddependent transcription factors. ARs bind active testosterone (T) and dihydrotestosterone (DHT). The rates of association and dissociation of T are about three times more rapid than those of DHT. This difference in binding kinetic may account for the different physiological effects of T and DHT. Androgen binding results in an at least six-fold increase in androgen receptor stability. Akt phosphorylates human AR at Serines 210 and 790. The synthetic androgen R1881 elevates phosphorylation of Serines 308 and 650 in vitro.



[View online »](#)

Synonyms: Dihydrotestosterone receptor, DHTR, NR3C4

Product images:



Immunohistochemistry (IHC) analysis of p-Androgen Receptor (pSer650) antibody (Cat.-No.: AP01525PU-N) in paraffin-embedded human breast carcinoma tissue.