



# Androgen Receptor Polyclonal Antibody

Catalog Number: PA5-16750

Product Data Sheet

Details		Species Reactivity	
Size	500 µL	Tested species reactivity	Human, Mouse, Rat
Host / Isotype	Rabbit / IgG	Published Species Reactivity	Rat
Class	Polyclonal	Tested Applications	
Type	Antibody	Western Blot (WB)	Dilution *
Immunogen	A synthetic peptide derived from N-terminal of rat AR	Immunofluorescence (IF)	1:100-1:200
Form	Liquid	Immunocytochemistry (ICC)	1:100-1:200
Concentration	0.2mg/ml	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:200
Purification	Affinity chromatography	Immunoprecipitation (IP)	2 ug
Storage Buffer	PBS, pH 7.6, with 0.2% BSA	Published Applications	
Contains	<0.1% sodium azide	Immunohistochemistry (IHC)	See 1 publications below
Storage Conditions	4° C	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	

## Product Specific Information

PA5-16750 targets Androgen Receptor in IF, IHC (P), IP, and WB applications and shows reactivity with human, mouse, and rat samples.

## Background/Target Information

The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. The expression of AR is reportedly inversely correlated with histologic grade i.e. well differentiated prostate tumors show higher expression than the poorly differentiated tumors. In prostate cancer, AR has been proposed as a marker of hormone-responsiveness.

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