

Product datasheet for **AP23638PU-N**

Aryl hydrocarbon Receptor (AHR) (N-term) Rabbit Polyclonal Antibody

Product data:

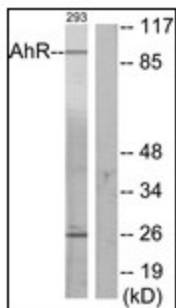
Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Immunofluorescence: 1/100 - 1/500. Immunohistochemistry on Paraffin Sections: 1/200. Western Blot: 1/500 - 1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic AhR peptide - KLH conjugated
Specificity:	AhR Antibody detects endogenous levels of total AhR protein.
Formulation:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4 containing 150 mM sodium chloride, 0.02% sodium azide as preservative and 50% glycerol as stabilizer State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	aryl hydrocarbon receptor
Database Link:	Entrez Gene 11622 Mouse Entrez Gene 25690 Rat Entrez Gene 196 Human P35869
Background:	Aryl hydrocarbon receptor is a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. AHR has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450.
Synonyms:	AHR, BHLHE76, Aryl hydrocarbon receptor



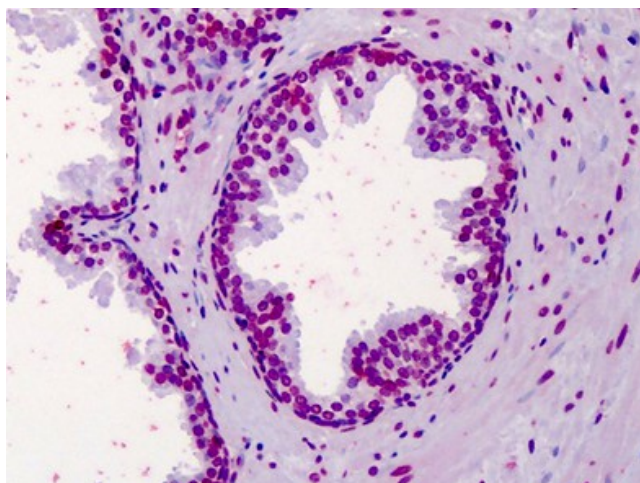
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Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

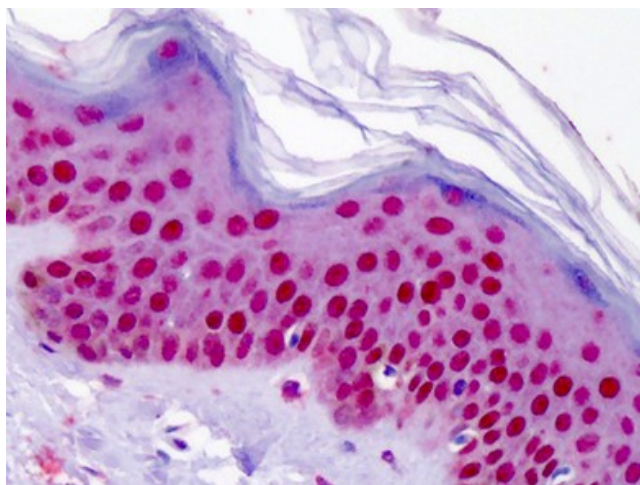
Product images:



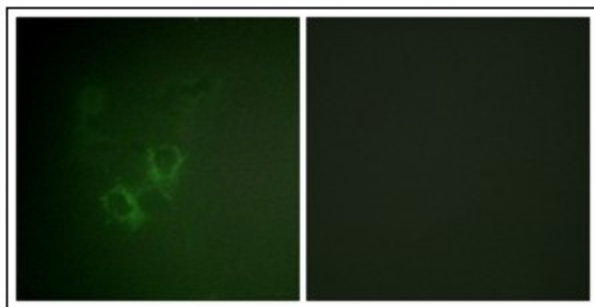
Western blot analysis of extracts from 293 cells, using AhR Antibody. The lane on the right is treated with the synthesized peptide.



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of HeLa cells, using AhR Antibody. The picture on the right is treated with the synthesized peptide.