

## Product datasheet for **TA350968**

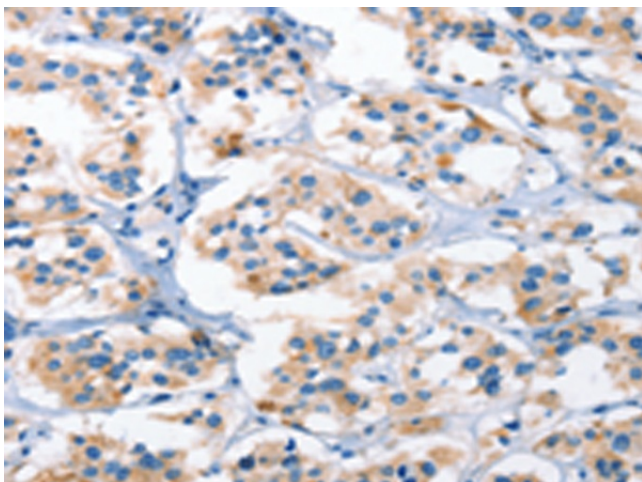
### Aryl hydrocarbon Receptor (AHR) Rabbit Polyclonal Antibody

#### Product data:

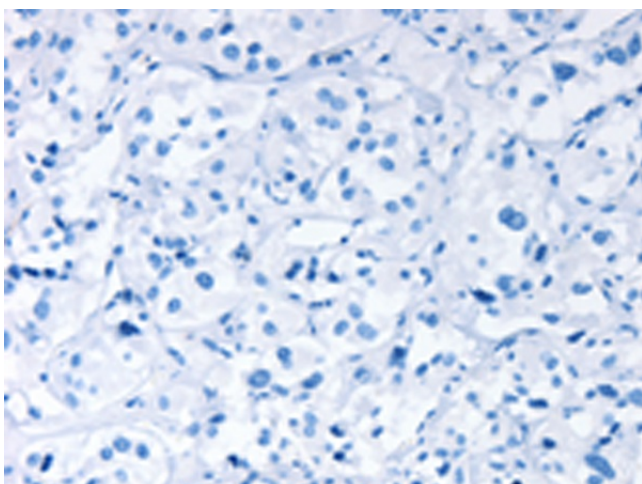
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AHR
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	aryl hydrocarbon receptor
Database Link:	<a href="#">NP_001612</a> <a href="#">Entrez Gene 11622 Mouse</a> <a href="#">Entrez Gene 25690 Rat</a> <a href="#">Entrez Gene 196 Human</a> <a href="#">P35869</a>
Background:	This gene encodes a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons.
Synonyms:	bHLHe76
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors



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**Product images:**

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350968 (AHR Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350968 (AHR Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification:  $\times 200$ )