

## Product datasheet for **TA345295**

### AHRR Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AHRR antibody: synthetic peptide directed towards the middle region of human AHRR. Synthetic peptide located within the following region: LPQSEPPHQLCARGRGEQSCTCRAAEAAPVVKREPLDSPQWATHSQGMVP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	78 kDa
Gene Name:	aryl-hydrocarbon receptor repressor
Database Link:	<a href="#">NP_065782</a> <a href="#">Entrez Gene 57491 Human</a> <a href="#">A9YTQ3</a>



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**Background:**

Dioxin is a teratogen that exerts its effects through the arylhydrocarbon receptor in conjunction with the receptor's binding partner, arylhydrocarbon receptor nuclear translocator. AHRR represses signal transduction by the arylhydrocarbon receptor by competing with the arylhydrocarbon receptor nuclear translocator for binding to the arylhydrocarbon receptor. Expression of the repressor is stimulated by the receptor/translocator heterodimer, thereby regulating receptor function through a negative feedback mechanism. In addition, AHRR can bind to nuclear factor kappa-B. Dioxin is a teratogen that exerts its effects through the arylhydrocarbon receptor in conjunction with the receptor's binding partner, arylhydrocarbon receptor nuclear translocator. The protein encoded by this gene represses signal transduction by the arylhydrocarbon receptor by competing with the arylhydrocarbon receptor nuclear translocator for binding to the arylhydrocarbon receptor. Expression of the repressor is stimulated by the receptor/translocator heterodimer, thereby regulating receptor function through a negative feedback mechanism. In addition, the encoded protein can bind to nuclear factor kappa-B. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

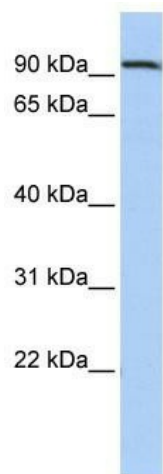
AHH; AHHR; bHLHe77

**Note:**

Immunogen Sequence Homology: Human: 100%; Pig: 91%; Rat: 91%; Mouse: 91%; Guinea pig: 91%; Dog: 85%; Bovine: 82%; Horse: 79%

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**


WB Suggested Anti-AHRR Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: HepG2 cell lysate