

Immunotag™ Phospho-AhR (Ser36) Antibody

Antibody Specification	
Catalog No.	ITA1049
Product Description	Immunotag™ Phospho-AhR (Ser36) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-AhR (Ser36)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human AhR around the phosphorylation site of Serine 36
Specificity	Phospho-AhR (Ser36) Antibody detects endogenous levels of AhR only when phosphorylated at Serine 36
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	AHR
Accession No.	P35869/A9YTQ3

Antibody Specification

Alternate Names	Ah receptor; AhR; AHR_HUMAN; Aromatic hydrocarbon receptor; Aryl hydrocarbon receptor; Aryl hydrocarbon receptor precursor; bHLHe76; Class E basic helix loop helix protein 76; Class E basic helix-loop-helix protein 76; HGNC:348; AHH; AhR repressor; AhRR; AHRR_HUMAN; aryl hydrocarbon hydroxylase regulator; aryl hydrocarbon receptor regulator; Aryl hydrocarbon receptor repressor; Arylhydrocarbon receptor repressor; bHLHe77; Class E basic helix-loop-helix protein 77; Dioxin receptor repressor; KIAA1234; MGC167813; MGC176630; OTTHUMP00000221488; OTTHUMP00000221489;
Description	Ligand-activated transcriptional activator. Binds to the XRE promoter region of genes it activates. Activates the expression of multiple phase I and II xenobiotic chemical metabolizing enzyme genes (such as the CYP1A1 gene). Mediates biochemical and toxic effects of halogenated aromatic hydrocarbons. Involved in cell-cycle regulation. Likely to play an important role in the development and maturation of many tissues. Regulates the circadian clock by inhibiting the basal and circadian expression of the core circadian component PER1. Inhibits PER1 by repressing the CLOCK-ARNTL/BMAL1 heterodimer mediated transcriptional activation of PER1.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	90kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.