

Product datasheet for TA325212

Aryl hydrocarbon Receptor (AHR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human AhR around the phosphorylation site of Serine 36
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	90 kDa
Gene Name:	aryl hydrocarbon receptor
Database Link:	NP_001612 Entrez Gene 11622 MouseEntrez Gene 25690 RatEntrez Gene 196 Human P35869
Background:	The Aryl Hydrocarbon Receptor (AHR), also known as the dioxin receptor, is a ligand-activated helix/loop/helix transcription factor found in a variety of vertebrate species. The known ligands for AHR are foreign planar aromatic compounds, such as polycyclic aromatic compounds and halogenated aromatic compounds such as 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD).

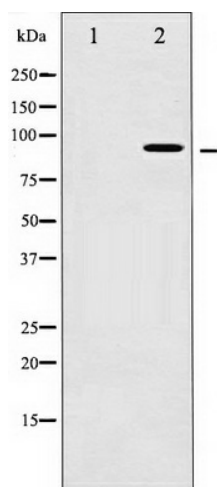


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Synonyms: bHLHe76

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

Product images:



Western blot analysis of AhR phosphorylation expression in HepG2 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.