



Goat anti-AHR (aa749-763) Antibody

Item Number	dAP-3029
Target Molecule	Principle Name: AHR (aa749-763); Official Symbol: AHR; All Names and Symbols: AHR; aryl hydrocarbon receptor; bHLHe76; AH-receptor; ah receptor; aromatic hydrocarbon receptor; class E basic helix-loop-helix protein 76; Accession Number (s): NP_001612.1; Human Gene ID(s): 196; Non-Human GeneID(s):
Immunogen	KHGLNPQSAIITPQT, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 96.1kDa according to NP_001612.1). Recommended concentration: 0.2-0.5µg/ml.
IHC	
Reference	Reference(s): Zhao S, Kanno Y, Nakayama M, Makimura M, Ohara S, Inouye Y. Activation of the aryl hydrocarbon receptor represses mammosphere formation in MCF-7 cells. Cancer Lett. 2012 Apr 28;317(2):192-8..PMID: 22123295->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**