

Anti-AhR antibody (619-848) [S4MR] (STJ11103544)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

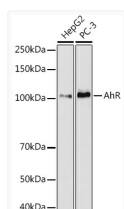
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 96kDa Observed Mw: 100kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

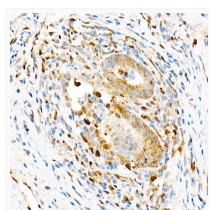
Gene ID	196
Gene Symbol	AHR
UniProt ID	AHR_HUMAN
Immunogen Region	619-848
Immunogen Sequence	LEQQQQHHQKQVVVEPQQQL CQKMKHMQVNGMFENWNSNQ FVPFNCPPQDDPQQYNVFTDL HGISEQEFYKSEMDSPYQTQ NFISCNQPVLPQHSKCTELD YPMGSFEPSPYPTTSSLEDF VTCLQLPENQKHGLNPQSAI ITPQTCYAGAVSMYQCQPEP QHTHVGMQYNPVLPGQQAF LNKFQNGVLNETYPALNNI NNTQTTHLQPLHHPSEARP FPDLTSSGFL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 619-848 of human AHR (NP_001612.1).

ADDITIONAL INFORMATION

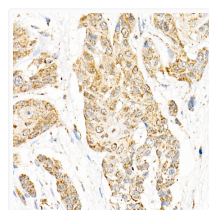
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates, using AHR antibody (STJ11103544) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using AHR rabbit monoclonal antibody (STJ11103544) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using AHR rabbit monoclonal antibody (STJ11103544) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.