

Anti-ARNT antibody (499-789) [S1MR] (STJ11101681)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

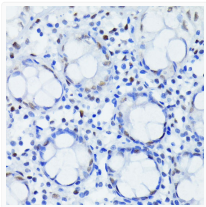
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 87kDa Observed Mw: 87kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

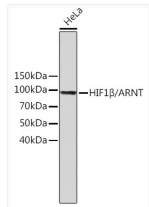
Gene ID	405
Gene Symbol	ARNT
UniProt ID	ARNT_HUMAN
Immunogen Region	499-789
Immunogen Sequence	LAPRQQQQQTELDMPGRDG LASYNHSQVVPVTTTGPEH SKPLEKSDGLFAQDRDPRFS EYHNINADQSKGISSSTVP ATQQLFSQGNTPPTPRPAE NFRNSGLAPPVTIVQPSASA GQMLAQISRHSNPTQGATPT WPTTTRSGFSAQQVATQATA KTRTSQFVGVSFQTPSSFS MSLPGAPTASPGAAAYPSLT NRGSNFAPETGQTAGQFQTR TAEGVGVWPQWQQGQPHHR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 499-789 of human HIF-1 beta (P27540).

ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of paraffin-embedded human colon using HIF1 Beta/ARNT antibody (STJ11101681) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of HeLa cells, using HIF1 Beta/ARNT antibody (STJ11101681) 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.