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

STJ11101681

GENERAL INFORMATION

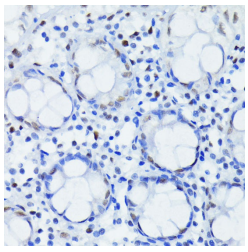
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

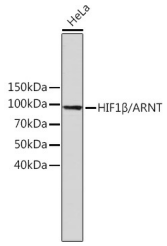
Clonality	Monoclonal
Clone ID	S1MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
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	
Immunogen Region	499-789
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 499-789 of human HIF-1 beta (P27540).
Immunogen Sequence	LAPRQQQQQTELDMVPGRDG LASYNHSQVVQPVTTTGPEH SKPLEKSDGLFAQDRDPRFS EIYHNINADQSKGISSSTVP ATQQLFSQGNTFPPTPRPAE NFRNSGLAPPVTIVQPSASA GQMLAQISRHSNPTQGATPT WTPTTRSGFSAQQVATQATA KTRTSQFGVGSFQTPSSFSS MSLPGAPTASPGAAAYPSLT NRGSNFAPETGQTAGQFQTR TAEGVGVWPQWQGQQPHHR



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 (STJ1101681) 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.

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