

Anti-PAX6 antibody (323-422) [S6MR] (STJ11101636)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

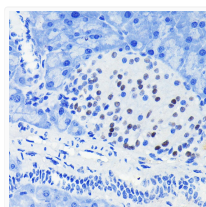
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 47kDa/48kDa Observed Mw: 47kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

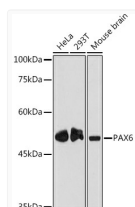
Gene ID	5080
Gene Symbol	PAX6
UniProt ID	PAX6_HUMAN
Immunogen Region	323-422
Immunogen Sequence	TNTYSALPPMPSFTMANNLP MQPPVPSQTSSYSCMLPTSP SVNGRSYDITYTPPHMQTHMN SQPMGTSGTTSTGLISPGVS VPVQVPGSEPDMSQYWPRLQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 323-422 of human PAX6 (NP_000271.1).

ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of PAX6 in paraffin-embedded mouse pancreatic islet using PAX6 Rabbit monoclonal antibody (STJ11101636) 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 various lysates using PAX6 Rabbit monoclonal antibody (STJ11101636) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.