

Anti-PITX2 antibody (1-100) [S4743RM] (STJ11104743)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

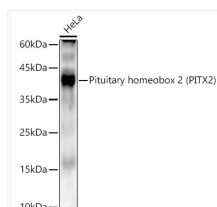
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa Observed Mw: 37kDa
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	5308
Gene Symbol	PITX2
UniProt ID	PITX2_HUMAN
Immunogen Region	1-100
Immunogen Sequence	METNCRKLVSACVQLGVQPA AVECLFSKDSEIKKVEFTDS PESRKEAASSKFFPRQHPGA NEKDKSQGKNEVDGAEDPS KKKRQRRQRTHFTSQQLQEL
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Pituitary homeobox 2 (PITX2) (NP_700475.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Western blot analysis of HeLa, using Pituitary homeobox 2 (PITX2) antibody (STJ11104743) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.