

Anti-KLF5 antibody (1-250) (STJ24327)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

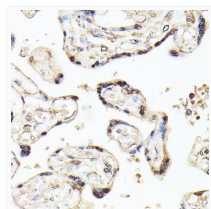
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:200-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 51kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

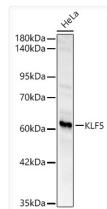
Gene ID	688
Gene Symbol	KLF5
UniProt ID	KLF5_HUMAN
Immunogen Region	1-250
Immunogen Sequence	MATRVLSMSARLGVPVQPPA PQDEPVFAQLKPVLGAANPA RDAALFPGGEELKHAHHRPQA QPAPAQAQPAQPPATGPRL PPEDLVQTRCEMEKYLTPL PPVPPIPEHKYRRDSASVV DQFFDTDEGLPYSINMNVFL PDITHLRTGLYKSQRPCVTH IKTEPVAIFSHQSETTAPP APTQALPEFTSIFSSHQTAA PEVNNIFIKQELPTPDLHLS VPTQQGHLYQLLNTPDLDL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human KLF5 (NP_001721.2).

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 placenta using KLF5 antibody (STJ24327) 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 HeLa, using KLF5 Rabbit polyclonal antibody (STJ24327) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.