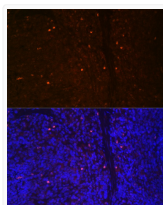
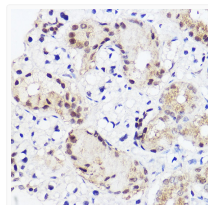


Anti-RUNX2 antibody (242-521) (STJ25424)

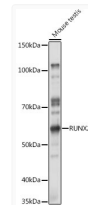
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC: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 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 57kDa 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	860
Gene Symbol	RUNX2
UniProt ID	RUNX2_HUMAN
Immunogen Region	242-521
Immunogen Sequence	FSDRLSDLGRIPHPMSMRVGV PPQNPRPSLNSAPSPFNPGQ QSQITDPRQAQSSPPWSYDQ SYPSYLSQMTSPSIHSTTPL SSTRGTGLPAITDVPRRISD DDATSDFCCLWPSTLSKKSQ AGASELGPFSDPRQFPSSIS LTESRFSNPRMHYPATFTYT PPVTSGMSLGMSSATTHYHTY LPPYPGSSSQSGPFQTSS TPYLYYGTSSGSYQFPMVPG GDRSPSRMLPPCTTTSNGS
Specificity	A synthetic peptide corresponding to a sequence within amino acids 242-521 of human RUNX2 (NP_001019801.3).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



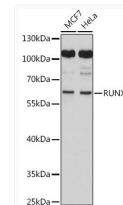
Immunofluorescence analysis of rat spleen cells using RUNX2 Rabbit polyclonal antibody (STJ25424) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse salivary gland using RUNX2 Rabbit polyclonal antibody (STJ25424) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Mouse testis, using RUNX2 antibody (STJ25424) 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: 10s.



Western blot analysis of extracts of various cell lines, using RUNX2 antibody (STJ25424) at 1:2000 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: 5s.