

Anti-ILK antibody (1-260) (STJ24198)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

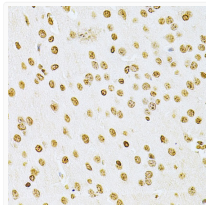
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 51kDa Observed Mw: 48kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

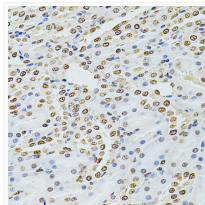
Gene ID	3611
Gene Symbol	ILK
UniProt ID	ILK_HUMAN
Immunogen Region	1-260
Immunogen Sequence	MDDIFTQCREGNAVAVRLWL DNTENDLNQGDHDHGFSPLHW ACREGRSAVVEMLIMRGARI NVMNRGDDTPLHLAASHGHR DIVQKLLQYKADINAVNEHG NVPLHYACFWGQDQVAEDLV ANGALVSIKNKYGEMPVDKA KAPLRELLRERAEKMGQNLN RIPYKDTFWKGTTRTRPRNG TLNKHSGIDFKQLNFLTCLN ENHSGELWKGGRWQGNDIVVK VLKVRDWSTRKSRDFNEEC
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human ILK (NP_001014795.1).

ADDITIONAL INFORMATION

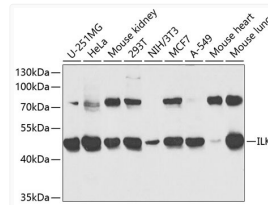
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunohistochemistry analysis of paraffin-embedded mouse brain using ILK Antibody (STJ24198) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using ILK Antibody (STJ24198) at dilution of 1:200 (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 various cell lines, using ILK antibody (STJ24198) 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.