Anti-AK1 antibody (1-194) (STJ22560)

STJ22560

GENERAL INFORMATION

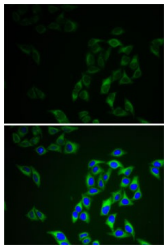
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

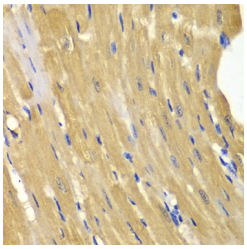
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

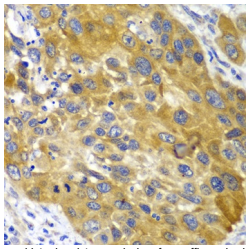
Gene ID	203
Gene Symbol	AK1
Uniprot ID	KAD1_HUMAN
Immunogen	
Immunogen Region	1-194
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-194 of human AK1 (NP_000467.1).
Immunogen Sequence	MEEKLKKTKIIFVVGGPGSG KGTQCEKIVQKYGYTHLSTG DLLRSEVSSGSARGKKLSEI MEKGQLVPLETVLDMLRDAM VAKVNTSKGFLIDGYPREVQ QGEEFERRIGQPTLLLYVDA GPETMTQRLLKRGETSGRVD DNEETIKKRLETYYKATEPV IAFYEKRGIVRKVNAEGSVD SVFSQVCTHLDALK



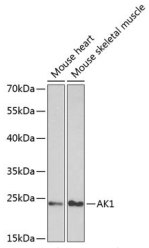
Immunofluorescence analysis of HeLa cells using AK1 antibody (STJ22560). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse heart using AK1 antibody (STJ22560) 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.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using AK1 antibody (STJ22560) 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 extracts of various cell lines, using AK1 antibody (STJ22560) 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.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081