

Anti-AK2 antibody (1-232) (STJ28602)

STJ28602

GENERAL INFORMATION

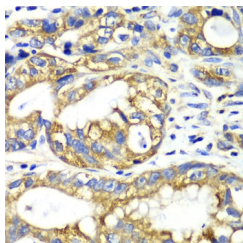
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

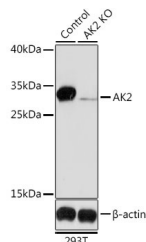
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation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

TARGET INFORMATION

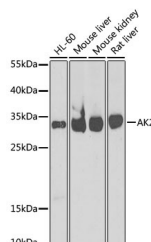
Gene ID	204
Gene Symbol	AK2
Uniprot ID	KAD2_HUMAN
Immunogen	
Immunogen Region	1-232
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-232 of human AK2 (NP_001616.1).
Immunogen Sequence	MAPSVPAEPEYPKGIRAVL LGPPGAGKGTQAPRLAENFC VCHLATGDMRLAMVASGSEL GKCLKATMDAGKLVSDMVMV ELIEKNLETPLCKNGFLLDG FPRTVRQAEMLDLMEKRKE KLDVIEFSIPDSSLIRRIIT GRLLHPKSGRSYHEEFNPPK EPMKDDITGEPLIRRSDDNE KALKIRLQAYHTQTTPLEIY YRKRGIHSAIDASQTPDVVF ASILAASFATKATC



Immunohistochemistry analysis of paraffin-embedded human gastric cancer using AK2 antibody (STJ28602) 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 from normal (control) and AK2 knockout (KO) 293T cells, using AK2 antibody (STJ28602) 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. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using AK2 antibody (STJ28602) 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. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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