

Anti-PRKAA1 antibody (450-559) (STJ119246)
STJ119246

GENERAL INFORMATION

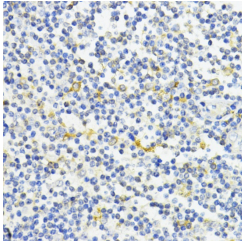
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

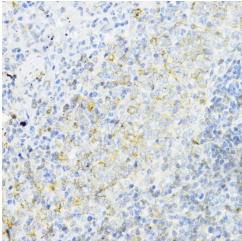
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 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

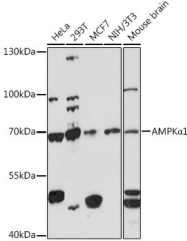
Gene ID	5562
Gene Symbol	PRKAA1
Uniprot ID	AAPK1_HUMAN
Immunogen	
Immunogen Region	450-559
Specificity	A synthetic peptide corresponding to a sequence within amino acids 421-520 of human AMPK Alpha 1 (NP_006242.5).
Immunogen Sequence	MAEVCRAIKQLDYEWKVVNP YYLRVRRKNPVTSTYSKMSL QLYQVDSRTYLLDFRSIDDE ITEAKSGTATPQRSGSVSNY RSCQQRSDSDAEAQGKSSEVS



Immunohistochemistry analysis of AMPK Alpha 1 in paraffin-embedded human tonsil using AMPK Alpha 1 Rabbit polyclonal antibody (STJ119246) 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 AMPK Alpha 1 in paraffin-embedded rat spleen using AMPK Alpha 1 Rabbit polyclonal antibody (STJ119246) 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 various lysates using AMPK Alpha 1 Rabbit polyclonal antibody (STJ119246) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.

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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