

Anti-PRKAB1 antibody (50-150) [S7MR] (STJ11102047)

STJ11102047

GENERAL INFORMATION

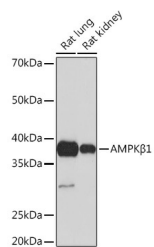
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

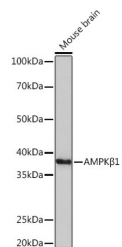
Clonality	Monoclonal
Clone ID	S7MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 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

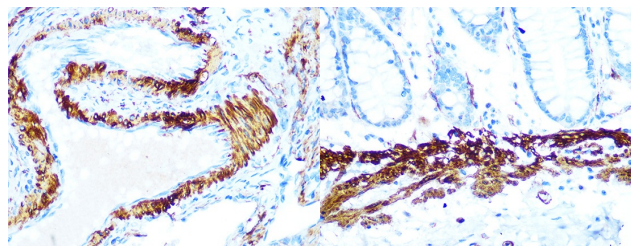
Gene ID	5564
Gene Symbol	PRKAB1
Uniprot ID	AAKB1_HUMAN
Immunogen	
Immunogen Region	50-150
Specificity	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human AMPK Beta 1 (Q9Y478).
Immunogen Sequence	EEIKAPEKEEFLAWQHDLEV NDKAPAQARPTVFRWTGGGK EYLSGSFNNWSKLPLTRSH NNFVAILDLPEGEHQYKFFV DQQWTHDPSEPIVTSQLGTV N



Western blot analysis of extracts of various cell lines, using AMPK Beta 1 rabbit monoclonal antibody (STJ11102047) 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts of mouse brain, using AMPK Beta 1 rabbit monoclonal antibody (STJ11102047) 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded rat ovary using AMPK Beta 1 rabbit monoclonal antibody (STJ11102047) 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 colon using AMPK Beta 1 rabbit monoclonal antibody (STJ11102047) 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.

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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