

## Anti-PRKAB1 antibody (100-200) (STJ110230)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

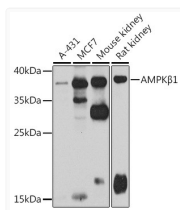
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 30kDa Observed Mw: 37kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

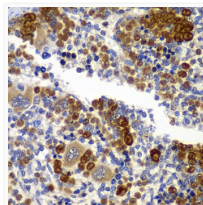
Gene ID	<a href="#">5564</a>
Gene Symbol	<a href="#">PRKAB1</a>
UniProt ID	<a href="#">AAKB1_HUMAN</a>
Immunogen Region	100-200
Immunogen Sequence	WSKLP LTRSHNNFVAILDLP EGEHQYKFFVDGQWTHDPSE PIVTSQLGTVNNIIQVKKTD FEVFDALMVDSQKCSVDSEL SSSPPGPYHQEPYVCKPEER F
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human AMPK Beta 1 (NP_006244.2).

### ADDITIONAL INFORMATION

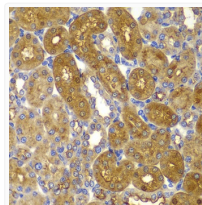
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



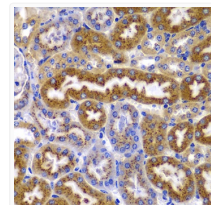
Western blot analysis of various lysates using AMPK Beta 1 Rabbit pAb (STJ110230) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.  
 Lysates/proteins: 25 µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using AMPK Beta 1 Rabbit pAb (STJ110230) at dilution of 1:100 (40x lens).  
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using AMPK Beta 1 Rabbit pAb (STJ110230) at dilution of 1:100 (40x lens).  
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using AMPK Beta 1 Rabbit pAb (STJ110230) at dilution of 1:100 (40x lens).  
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.