

Product Datasheet

AMPK alpha 2 Antibody - BSA Free NBP1-56322

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-56322

AMPK alpha 2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	62 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	5563
Gene Symbol	PRKAA2
Species	Human, Mouse, Rat
Specificity/Sensitivity	This product is specific to Subunit or Isoform: alpha-2.
Immunogen	Synthetic peptide directed towards the middle region of human PRKAA2 (NP_006243). Peptide sequence: AYHLIIDNRRIMNQASEFY LassPPSGSFMDDSAMHIPPGLKPHPERMPP. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry
Application Notes	Use in IHC reported in scientific literature (PMID:34536344).

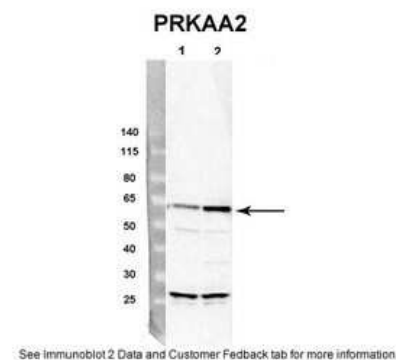


Images

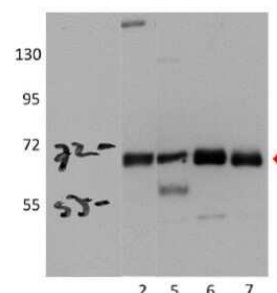
Western Blot: AMPK alpha 2 Antibody [NBP1-56322] - Titration: 0.2-1 ug/ml, Positive Control: Jurkat cell lysate.



Western Blot: AMPK alpha 2 Antibody [NBP1-56322] - Sample Type: rat hepatocyte (50ug) Priamry Dilution: 1:4000 Secondary Antibody: Donkey anti-Rabbit HRP Secondary Dilution: 1:10,000 Image Submitted By: Dustin Singer, INRA/AgroParistech



Western Blot: AMPK alpha 2 Antibody [NBP1-56322] - Middle region validated by WB using Rat Liver, Human Muscle, Rat Muscle, Mouse Muscle at 1:1000.



Publications

Zhang XJ, Liu X, Hu M et al. Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species Cell metabolism 2021-09-16 [PMID: 34536344] (IF/IHC, Mouse)



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Products Related to NBP1-56322

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005563-Q01-10ug	Recombinant Human AMPK alpha 2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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