

Rabbit anti-Human, Mouse Protein Kinase Polyclonal Antibody | anti-PRKAa1 antibody

Polyclonal Antibody to Protein Kinase, AMP Activated Alpha 1 (PRKAa1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142497	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

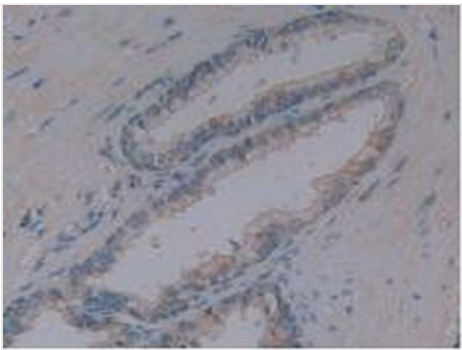
PRODUCT SYNONYMS

Protein Kinase; Polyclonal Antibody; Polyclonal Antibody to Protein Kinase; AMP Activated Alpha 1 (PRKAa1); anti-PRKAa1 antibody

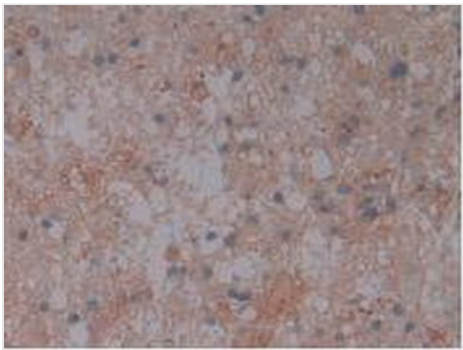
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PRKAa1. It has been selected for its ability to recognize PRKAa1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-GRLYAGPE VDIWSSGVIL YALLCGTLPF DDDHVPTLFK KICDGIFYTP QYLNPSVISL LKHMQLQVDPM KRATKDIRE HEWFKQDLPK YLFPEDPSYS STMIDDEALK EVCEKFECSE EEVLSCLYNR NHQDPLAVAY HLIIDNRRIM NEAKDFYLAT SPPDSFLDDH HLTRPHPERV PFLVAETPRA RHTLDELNPQ KSKHQGVRKA KWHLGIRSQS RPNDIMAEVC RAIKQLDYEW KVVNPYYLRV RRK
Applicable Applications for anti-PRKAa1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PRKAa1 (Gly198~Lys448)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant PRKAa1 (Gly198~Lys448) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

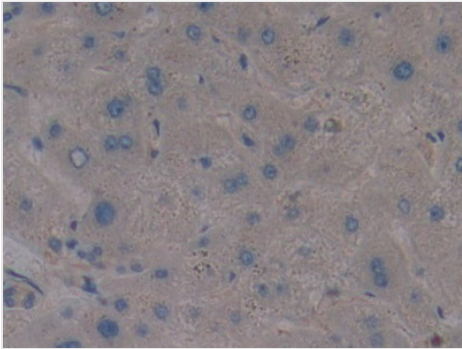
IMAGES



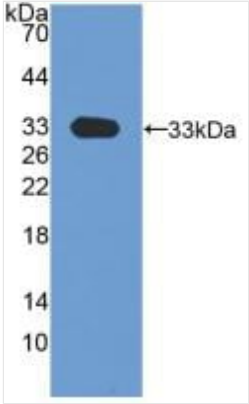
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Prostate Gland Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Glioma Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant PRKAA1, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94557301
NCBI GeneID	5562
NCBI Accession #	NP_006242.5
NCBI GenBank Nucleotide #	NM_006251.5
UniProt Accession #	Q13131; O00286; Q5D0E1; Q86VS1; Q9UNQ4; A8MTQ6; B2R7E1
Molecular Weight	65,523 Da
NCBI Official Full Name	5'-AMP-activated protein kinase catalytic subunit alpha-1 isoform 1
NCBI Official Synonym Full Names	protein kinase AMP-activated catalytic subunit alpha 1
NCBI Official Symbol	PRKAA1
NCBI Official Synonym Symbols	AMPK; AMPKa1
NCBI Protein Information	5'-AMP-activated protein kinase catalytic subunit alpha-1
UniProt Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-1
UniProt Gene Name	PRKAA1
UniProt Synonym Gene Names	AMPK1; HMGCR kinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

