

Product datasheet for **TA380327**

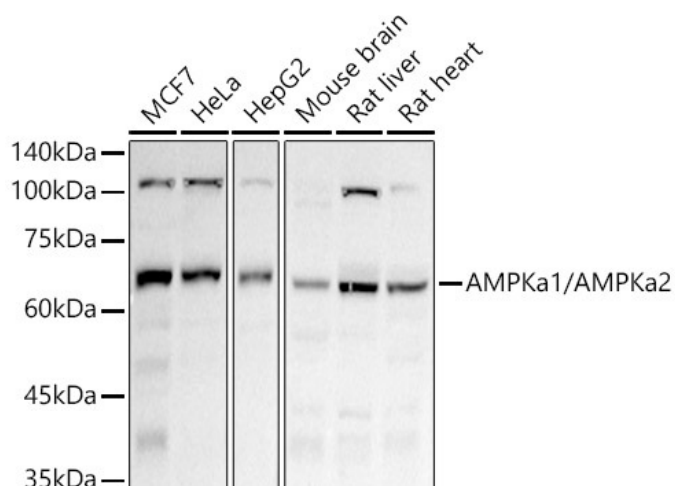
AMPK alpha 1 (PRKAA1) Rabbit Polyclonal Antibody

Product data:

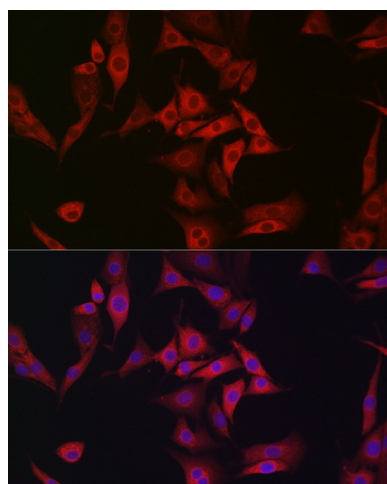
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:1000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human PRKAA1/PRKAA2
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	64kDa/65kDa/62kDa
Gene Name:	protein kinase AMP-activated catalytic subunit alpha 1
Database Link:	Entrez Gene 5562 Human Q13131
Synonyms:	AMPK; AMPK1; AMPKa1; MGC33776; MGC57364



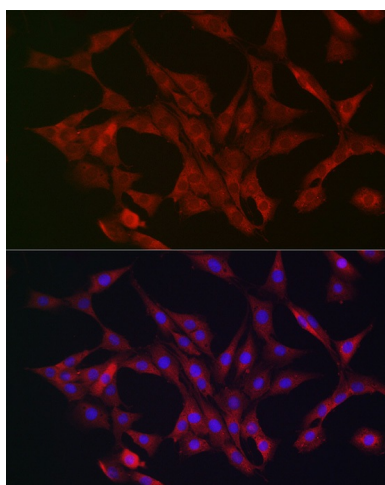
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Product images:


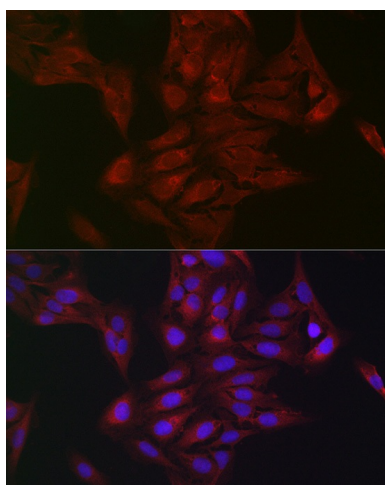
Western blot analysis of extracts of various cell lines, using AMPKα1/AMPKα2 antibody (TA380327) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunofluorescence analysis of NIH/3T3 cells using AMPKα1/AMPKα2 Rabbit pAb (TA380327) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using AMPK α 1/AMPK α 2 Rabbit pAb (TA380327) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using AMPK α 1/AMPK α 2 Rabbit pAb (TA380327) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.