

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	golgi apparatus	plasma membrane	extracel region
Q8BRK8	AAPK2_MOUSE	Mus musculus	5'-AMP-activated protein kinase catalytic subunit alpha-2	28.744706	S54	T172;T258;S377;S491	34167027;30059200;37507081	MAEKQKHDGRVKIGHYVLGDTLGV GTFGKVKIGEHQLTGHKVAVKILNR QKIRSLDVVGKIKREIQNLKLFRRHPH IIKLYQVISTPTDFFMVMMEYVSGGEL FDYICKHGRVVEEVEARRLFQQILSAV DYCHRHMVVHRDLKPENVLDAQM NAKIADFGLSNMMSDGEFLRTSCGS PNYAAPEVISGRLYAGPEVDIWSCGV ILYALLCGTLPFDDEHVPTLFKKIRG GVFYIPDYLNRSVATLLMHMLQVDP LKRATIKDIREHEWFKQDLPSYLFPE DPSYDANVIDDEAVKEVCEKFECTE SEVMNSLYSGDPQDQLAVAYHLIID NRRIMNQASEFYLASPPSGSFMDD SAMHIPGLKPHPERMPPLIADSPKA RCPLDALNTTKPKSLAVKAKAWHLG IRSQSKACDIMADEVYRAMKQLGFEW KVVNAYHLRVRKKNPVTGNYVKMS LQLYLVDRSYLLDFKSIDDEVVEQR SGSSTPQRSCSAAGLHRARSSFDS TAENHSLSGSLTGSLTGSTLSSASPR LGSHTMDFFEMCASLTALAR	True	True	4.741	5.0	2.82	2.058	2.692	4.425	2.178

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