

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	extracellular region
Q5U300	UBA1_RAT	Rattus norvegicus	Ubiquitin-like modifier-activating enzyme 1	25.563465	NaN	S4;S13;S21;S24;S46;T55;T800;S810;S816;S820;S835	34502162	MSSSPLSKRRVSGDPKPGSNCS AQSVLSEVSSVPTNGMAKNGSEADI DESLYSRQLYVLGHEAMKMLQTS LVSGLRGLGVEIAKNIILGGVKAVTL HDQGTQWADLSSQFYLREEDIGKN RAEVSQPRLAELNSYVPTAYTGPLV EDFLSGFQVVVLTNSPLEEQLRVGE FCHSRGKLVVADTRGLFGQLFCDF GEEMVLTDSNGEQPLSAMVSMVTK DNPQVVTCLDEARHGFETGDFVVSFS EVQGMVQLNGCQPIEIKVLGPTFSI CDTSNFSYIRGGIVSQVKVKKISF KSLPASLAEPDFVMTDFAKYSRPAQ LHIGFQALHQFCAQHNRPRPRNEE DATELVTLAQAVNARSPPAVQDDNV DEDLIRKLAYVAAGDLAPINAFIGGL AAQEVKACSGKFMPIQWLYFQDA LECLPEDKEALTEKCLPRQNRDYG QVAVFGSDLQEKLGKQKYFLVGAGA IGCELLKNFAMIGLGCGEDEVVVT DMDTIEKSNLNRQFLFRPVDVTKLK SDTAAAVRQMNPIQVTS HQNRVG PDTERYDDDFQNLGVDANALDNV DARMYMDRRCVYRKPLESGLTGT KGNVQVVIPFLTESYSSQDPPEKSI PICTLKNFPNAIEHTLQWARDEFEG LQKPAENVNQLTDSKFVERTLRL AGTQPLEVLEAVQRSLVLRPQTWG DCVTWACHHWHHTQYCNINRQLLH NFPDQLTSSGAPFWGPKRCPHPL TFDNNLHLDYVMAAANLFAQTY GLTGSQDRAAVASLLQSVQVPEFTP KSGVKIHVSDQELQSANASVDDSR EELKATLPSPKLPGFKMYPIDFEK DDSNFHMDFIVAASNRAENYDISP ADRHKSLIAGKHPAIAITTAAVVGL VCLELYKVVQGHQQLDSYKNGFLNL ALPFFGFSEPLAAPRHQYNNQEWTL WDRFEVQGLQPNGEEMTLKQFLDY FKTEHKLEITMLSQGVSMLYSFFMP AAKLKERLDQPMTEIVSRVSKRKL RHVRALVLELCCNDESGEDVEVPY RYTIR	None	None	None	None	None	None	None	None	

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