	UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochndrion	endoplasmic reticulum	golgi apparatus	plasma membrane	e r
0	Q99569	PKP4_HUMAN	Homo sapiens	Plakophilin-4	29.413267	S87;S106	S75;T84;S106;S132;S136;S139;S221;S231;S236;S273;S281;S314;S327;S337;T372;S392;S403;S406;T412;T415;S422;S427;S438;T478;S510;S512;S515;S776;T1013;T1017;S1045;S1091;S1100;S1135	28657654;38253038	MPAPEQASLVEEGQPQTRQEAASTG PGMEPETTATTILASVKEQELQFQRL TRELEVERQIVASQLERCRLGAESPS IASTSSTEKSFPWRSTDVPNTGVSKP RVSDAVQPNNYLIRTEPEQGTLYSPE QTSLHESEGSLGNSRSSTQMNSYSD SGYQEAGSFHNSQNVSKADNRQQH SFIGSTNNHVVRNSRAEGQTLVQPS VANRAMRRVSSVPSRAQSPSYVIST GVSPSRGSLRTSLGSGFGSPSVTDPR PLNPSAYSSTTLPAARAASPYSQRPA SPTAIRRIGSVTSRQTSNPNGPTPQY QTTARVGSPLTLTDAQTRVASPSQG QVGSSSPKRSGMTAVPQHLGPSLQR TVHDMEQFGQQQYDIYERMVPPRP DSLTGLRSSYASQHSQLGQDLRSAV SPDLHITPIYEGRTYYSPVYRSPNHG TVELQGSQTALYRTGSVGIGNLQRTS SQRSTLTYQRNNYALNTTATYAEPY RPIQYRVQECNYNRLQHAVPADDGT TRSPSIDSIQKDPREFAWRDPELPEV IHMLQHQFPSVQANAAAYLQHLCF GDNKVKMEVCRLGGIKHLVDLLDH RVLEVQKNACGALRNLVFGKSTDEN KIAMKNVGGIPALLRLLRKSIDAEVR ELVTGVLWNLSSCDAVKMTIIRDAL STLTNTVIVPHSGWNNSSFDDDHKI KFQTSLVLRNTTGCLRNLSSAGEEA RKQMRSCEGLVDSLLYVIHTCVNTS DYDSKTVENCVCTLRNLSYRLELEV PQARLLGLNELDDLLGKESPSKDSE PSCWGKKKKKKRTPQEDQWDGVG PIPGLSKSPKGVEMLWHPSVVKPYL TLLAESSNPATLEGSAGSLQNLSAG NWKFAAYIRAAVRKEKGLPILVELLR MDNDRVVSSVATALRNMALDVRNK ELIGKYAMRDLVNRLPGGNGPSVLS DETMAAICCALHEVTSKNMENAKA LADSGGIEKLVNITKGRGDRSSLKVV KAAAQVLNTLWQYRDLRSIYKKDGW NQNHFITPVSTLERDRFKSHPSLSTT NQQMSPIIQSVGSTSSSPALLGIRDP RSEYDRTQPPMQYYNSQGDATHKG LYPGSSKPSPIYISSYSSPAREQNRRL QHQQLYYSQDDSNRKNFDAYRLYL QSPHSYEDPYFDDRVHFPASTDYST QYGLKSTTNYVDFYSTKRPSYRAEQY PGSPDSWV	None	None	None	None	None	None	None	None	N