

CIAO1 Rabbit pAb

货号: **AYP16369**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	37kDa
实测分子量	38kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,Mouse kidney,Mouse thymus,Mouse heart,Rat heart
细胞定位	CIA complex,cytoplasm,MMXD complex
纯化	Affinity purification

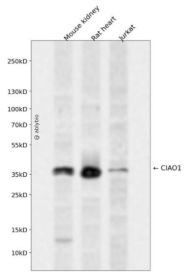
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-339 of human CIAO1 (NP_004795.1).
序列	MKDSLVLGRVPAHPDSRCWFLAWNPAAGTLLASCGGDRRIRIWGTEGDSWICKSVLSEGHQRTVRKVAWSPCGNYLAS ASFDATTCIWKKNQDDFECVTTLEGHENEVKSVAWAPSGNLLATCSRDKSVVWVEEDEEYECVSVLNSHTQDVKHV VWHPSQELLASASYDDTVKLYREEEDDWCCATLEGHESTVWSLAFDPSGQRLASCSDDRTVRIWRQYLPGNEQGVAC SGSDPSWKCICTLSGFHSRTIYDIAWCQLTGALATACGDDAIRVFQEDPNSDPQPTFSLTAHLHQHSQDVNCAWNP KEPGLLASCSDDGEVAFWKYQRPEGL

靶点信息

研究背景	Key component of the cytosolic iron-sulfur protein assembly (CIA complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins. As a CIA complex component, interacts specifically with CIAO2A or CIAO2B and MMS19 to assist different branches of iron-sulfur protein assembly, depending of its interactors. The complex CIAO1:CIAO2B:MMS19 binds to and facilitates the assembly of most cytosolic-nuclear Fe/S proteins. CIAO1:CIAO2A specifically matures ACO1 and stabilizes IREB2. Seems to specifically modulate the transactivation activity of WT1. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation.
基因ID	9391
基因名	CIAO1
Swiss	O76071
别名	CIAO1;CIA1;WDR39

产品验证



Western blot analysis of CIAO1 expressed in Mouse kidney,Rat heart,Jurkat using CIAO1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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