



## AUTS2 rabbit pAb

货号	YP-Ab-18230
同位型	IgG
应用	WB
种属	Human
靶点	AUTS2
基因名称	AUTS2 KIAA0442
蛋白名称	Autism susceptibility gene 2 protein
免疫原	Synthesized peptide derived from human AUTS2
特异性	This antibody detects endogenous levels of AUTS2 at Human
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	138kD
功能	Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility . The PRC1-like complex that contains PCGF5, RNF2, CSNK2B, RYBP and AUTS2 has decreased histone H2A ubiquitination activity, due to the phosphorylation of RNF2 by CSNK2B . As a consequence, the complex mediates transcriptional activation . In the cytoplasm, plays a role in axon and dendrite elongation and in neuronal migration during embryonic brain development. Promotes reorganization of the actin cytoskeleton, lamellipodia formation and neurite elongation via its interaction with RAC guanine nu
细胞定位	Nucleus . Cytoplasm, cytoskeleton . Cell projection, growth cone . Detected both in cytoplasm and nucleus. Colocalizes with RAC1 at actin-rich growth cones. Detected on the promoter region of actively transcribed genes. .
组织表达	Strongly expressed in brain, skeletal muscle and kidney. Also expressed in placenta, lung and leukocytes.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!



使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images