

M1-linkage Specific Polyubiquitin Rabbit pAb

货号: **AYP17441**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB DB
推荐浓度	WB: 1:500 - 1:2000 DB: 1:500 - 1:1000
理论分子量	
实测分子量	15-150kD
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3,RAW264.7,C6,Mouse brain,Mouse kidney,Rat brain,Rat kidney
细胞定位	
纯化	Affinity purification

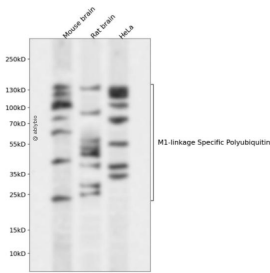
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human M1-linkage Specific Polyubiquitin (NP_066289.3/NP_061828.1).
序列	MQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQLIFAGKQLEDGRTLSDYNIQKESTLHLVLRRLRGGMQIFVKLT TGKTITLEVEPSDTIE

靶点信息

研究背景	Ubiquitination, one type of the most common post-translational modification, mediates the regulation of protein homeostasis in vivo. Substrate proteins can be modified with single ubiquitin moieties or with polymeric ubiquitin chains. Within polyubiquitin chains, ubiquitin can form eight different linkage types, using one of seven internal lysine residues (K6, K11, K27, K29, K33, K48, K63) or methionine at position 1 (M1). Here we focus on a distinct type of ubiquitination that is characterized by an inter-ubiquitin linkage through the N-terminal methionine, called M1-linked or linear ubiquitination. Formation, recognition, and disassembly of linear ubiquitin chains are highly specific processes that are implicated in immune signaling, cell death regulation and protein quality control. Consistent with their role in influencing signaling events, linear ubiquitin chains are formed in a transient and spatially regulated manner, making their detection and quantification challenging.
基因ID	
基因名	
Swiss	
别名	

产品验证



Western blot analysis of M1-linkage Specific Polyubiquitin expressed in Mouse brain, Rat brain, HeLa using M1-linkage Specific Polyubiquitin 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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