DDRGK1 rabbit pAb

货号	YP-Ab-18355
同位型	IgG
应用	WB
种属	Human, Mouse
靶点	
基因名称	DDRGK1 C20orf116
蛋白名称	DDRGK domain-containing protein 1
免疫原	Synthesized peptide derived from human DDRGK1
特异性	This antibody detects endogenous levels of DDRGK1 at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	WB 1:500-2000
稀释	
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	35kD
功能	Substrate adapter for ufmylation, the covalent attachment of the ubiquitin-like modifier UFM1 to substrate proteins, which plays a key role in reticulophagy (also called ER-phagy) . In response to endoplasmic reticulum stress, promotes recruitment of the E3 UFM1-protein ligase UFL1 to the endoplasmic reticulum membrane: in turn, UFL1 mediates ufmylation of proteins such as RPN1 and RPL26/uL24, promoting reticulophagy of endoplasmic reticulum sheets . Ufmylation-dependent reticulophagy inhibits the unfolded protein response (UPR) by regulating ERN1/IRE1-alpha stability . Ufmylation in response to endoplasmic reticulum stress is essential for processes such as hematopoiesis or inflammatory response (By similarity). Required for TRIP4 ufmylation, thereby regulating nuclear receptors-mediated. transcription . May play a role in NF-kappa-B-mediated transcription through regulation of the phosphorylation and the degradation of NFKBIA, the inhibitor of NF-kappa-B . Plays a role in cartilage development through SOX9, inhibiting the ubiquitin-mediated proteasomal degradation of this transcriptional regulator .
细胞定位	Endoplasmic reticulum . Endoplasmic reticulum membrane . Localizes to the endoplasmic reticulum membrane in response to endoplasmic reticulum stress. .
组织表达	Widely expressed (at protein level). In the brain, highest levels in medulla oblongata, followed by cerebral cortex, cerebellum and frontal lobe.
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