

HIKESHI (19Z1) Rabbit Monoclonal Antibody

Catalog# UZ-MA02112

Product information

产品货号	UZ-MA02112
别名	HLD13; L7RN6; OPI10; HSPC138; HSPC179; C11orf73
产品名称	HIKESHI (19Z1) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-ICC,IP,IF-P
反应种属	Human,Mouse
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human HIKESHI
稀释度	WB 1:1000, IHC-P/IF-P 1:100, IF-ICC 1:200-1:500, IP 1:50
参考分子量	22kDa
预测分子量	22kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	This gene encodes an evolutionarily conserved nuclear transport receptor that mediates heat-shock-induced nuclear import of 70 kDa heat-shock proteins (Hsp70s) through interactions with FG-nucleoporins. The protein mediates transport of the ATP form but not the ADP form of Hsp70 proteins under conditions of heat shock stress. Structural analyses demonstrate that the protein forms an asymmetric homodimer and that the N-terminal domain consists of a jelly-roll/beta-sandwich fold structure that contains hydrophobic pockets involved in FG-nucleoporin recognition. Reduction of RNA expression levels in HeLa cells using small interfering RNA results in inhibition of heat shock-induced nuclear accumulation of Hsp70s, indicating a role for this gene in regulation of Hsp70 nuclear import during heat shock stress. [provided by RefSeq, Apr 2016]
纯化	Affinity Purification
Uniprot ID	Q53FT3
Clonality	Monoclonal