

SIRT2 (7W12) Rabbit Monoclonal Antibody

Catalog# UZ-MA04168

Product information

产品货号	UZ-MA04168
别名	SIRT2;SIR2;SIR2L;SIR2L2;
产品名称	SIRT2 (7W12) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	SIRT2
推荐应用	WB,FCM,IP
反应种属	Human
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.
Human Gene ID	22933
Human Swissprot No.	Q8IXJ6
免疫原	A synthetic peptide of human SIRT2
稀释度	WB 1:1000, FCM 1:20, IP 1:50
参考分子量	43kDa
预测分子量	43kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	SIRT2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SIRT2 (7W12) Rabbit Monoclonal Antibody

Catalog# UZ-MA04168 (cont.)

Product information

细胞定位

Nucleus. Cytoplasm, perinuclear region. Cytoplasm. Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, spindle. Midbody. Chromosome. Perikaryon Cell projection. Cell projection, growth cone. Myelin membrane. Note=Deacetylates FOXO3 in the cytoplasm. Colocalizes with PLP1 in internodal regions, at paranodal axoglial junction and Schmidt-Lanterman incisures of myelin sheat. Colocalizes with CDK5R1 in the perikaryon, neurites and growth cone of hippocampal neurons. Colocalizes with alpha-tubulin in neuronal growth cone. Localizes in the cytoplasm and nucleus of germinal vesicle (GV) stage oocytes. Colocalizes with alpha-tubulin on the meiotic spindle as the oocytes enter into metaphase, and also during meiotic anaphase and telophase, especially with the midbody. Colocalizes with PARD3 in internodal region of axons. Colocalizes with acetylated alpha-tubulin in cell projection processes during primary oligodendrocyte precursor (OLP) differentiation (By similarity). Localizes in the cytoplasm during most of the cell cycle except in the G2/M transition and during mitosis, where it is localized in association with chromatin and induces deacetylation of histone at 'Lys-16' (H4K16ac). Colocalizes with KMT5A at mitotic foci. Colocalizes with CDK1 at centrosome during prophase and spindle fibers during metaphase. Colocalizes with Aurora kinase AURKA at centrosome during early prophase and in the centrioles and growing mitotic spindle throughout metaphase. Colocalizes with Aurora kinase AURKB during cytokinesis with the midbody. Colocalizes with microtubules. Detected in perinuclear foci that may be aggresomes containing misfolded, ubiquitinated proteins. Shuttles between the cytoplasm and the nucleus through the CRM1 export pathway. Colocalizes with EP300 in the nucleus. Translocates to the nucleus and chromatin upon bacterium *Listeria monocytogenes* infection in interphase cells [Isoform 2]: Cytoplasm. Nucleus Note=Predominantly localized in the cytoplasmic

Clonality

Monoclonal