bs-9456R

[Primary Antibody]

SIRT5 Rabbit pAb



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— DATASHEET ———		400-901-9800	
Host: Rabbit	lsotype: lgG	Applications: WB (1:500-2000)	
Clonality: Polyclonal		Flow-Cyt (1µg/Test)	
GenelD: 23408	SWISS: Q9NXA8	Reactivity: Mouse (predicted: Human,	
Target: SIRT5		Rat)	
Immunogen: KLH conjugated syn 101-200/310.	nthetic peptide derived from human SIRT5:	Predicted	
Purification: affinity purified by Protein A		MW.: ^{30 kDa}	
Concentration: 1mg/ml		Subcellular Location: ^{Cell} membrane ,Cytoplasm	
Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.			
Background: Sirtuins (SIRT1-7) a information regula classes: SIRT1-3 are SIRT6-7 are class IV an NAD-dependent telomeric, rDNA (ril human SIRT protei intracellular regula activity. SIRT5 (NAI as SIR2L5, is a 310 a Localized to mitoch SIRT5 is an NAD-de aging processes in sirtuin-type domain that blocks the bin	re human homologs of the yeast Sir2 (silent tor-2) protein and are divided into four main e class I, SIRT4 is class II, SIRT5 is class III and . In S. cerevisiae, Sir2 deacetylates histones in manner, which regulates silencing at the posomal RNA) and silent mating-type loci. The ns are NAD-dependent deacetylases that act as tors and are thought to have ribosyltransferase D-dependent deacetylase sirtuin-5), also known amino acid member of the class III sirtuins. nrondria and expressed throughout the body, pendent deacetylase that may link metabolic humans. SIRT5 contains one deacetylase- n and can be deactivated by suramin, a drug ding of various growth factors. Two isoforms of		

- VALIDATION IMAGES

SIRT5 exist due to alternative splicing events.



Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-SIRT5 (bs-9456R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 33 kD



Blank control: mouse splenocytes(blue) Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1µl in 100 µL1X PBS containing 0.5% BSA(green).

- SELECTED CITATIONS -

• [IF=1.11] Takumida, Masaya, Hiroshi Takumida, and Matti Anniko. "Localization of sirtuins in the mouse inner ear." Acta Oto-Laryngologica 0 (2014): 1-8. IHC ;="MOUSE". 24460154