## bs-11166R

## [ Primary Antibody ]

## SorLA Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal	-	<b>IHC-F</b> (1:100-500)
GenelD: 6653	SWISS: 092673	ICC/IF (1:100-500)
Target: SorLA	,	ELISA (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from human SorLA/LRP9: 2001-2100/2214. < Extracellular >		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog,
Purification: affinity purified by	Protein A	Horse)
Concentration: 1mg/ml		Predicted MW.: <sup>235 kDa</sup>
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.		
Shipped at 4°C. Sto freeze/thaw cycles	ore at -20°C for one year. Avoid repeated	Subcellular Location: Cell membrane
<b>Background:</b> Sortilin-related receptor, also known as Sorting protein-related receptor containing LDLR class A (SorLA), is a Type I membrane protein that may be involved in cell-cell interaction. SorLA, a single transmembrane receptor, binds LDL (the main cholesterol-carrying lipoprotein of plasma) and transports it into cells by endocytosis. SorLA is synthesized as a proreceptor which is processed to the mature form by a furin-like propeptidase. It can also bind to RAP, receptor-associated protein. SorLa is a multifunctional endocytis receptor important in lipoprotein and protease uptake. The N-terminal propeptide, which is removed, can be cleaved by furin or homologous proteases. Endogenous sorLA binds the neuropeptide head activator (HA) and is important for HA signaling and function. It is expressed mainly in brain (cerebral cortex, cerebellum and the occipital pole), but can also be found in liver, spinal cord, kidney, testis and pancreas.		