

bs-2743R**[Primary Antibody]****SLIT2 Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

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400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 9353	SWISS: Q94813	Reactivity: (predicted: Human, Mouse, Rat)
Target: SLIT2		
Immunogen: KLH conjugated synthetic peptide derived from human Slit2: 451-550/1529.		
Purification: affinity purified by Protein A		Predicted MW.: 170 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Slit proteins are ligands at the Roundabout (Robo) receptors and act as guidance cues in axonal migration/navigation during neural development, at the ventral midline of the neural tube. Slit1 and Slit2 are essential for midline guidance in the forebrain by acting as repulsive signals preventing inappropriate midline crossing by axons projecting from the olfactory bulb. A number of cleavage products are reported in the literature for Slit2 proteins (following alternate splicing). The C-terminal cleavage proteins are more diffusible than the larger N-terminal protein that is more tightly cell associated. Slit2 protein is expressed in fetal lung and kidney, and adult spinal cord. Weak expression in adult adrenal gland, thyroid, trachea.		

— SELECTED CITATIONS —

- **[IF=2.47]** Su, Xinming, et al. "Thymoquinone inhibits inflammation, neoangiogenesis and vascular remodeling in asthma mice." International Immunopharmacology 38 (2016): 70-80 **WB ;Human**. 27240137