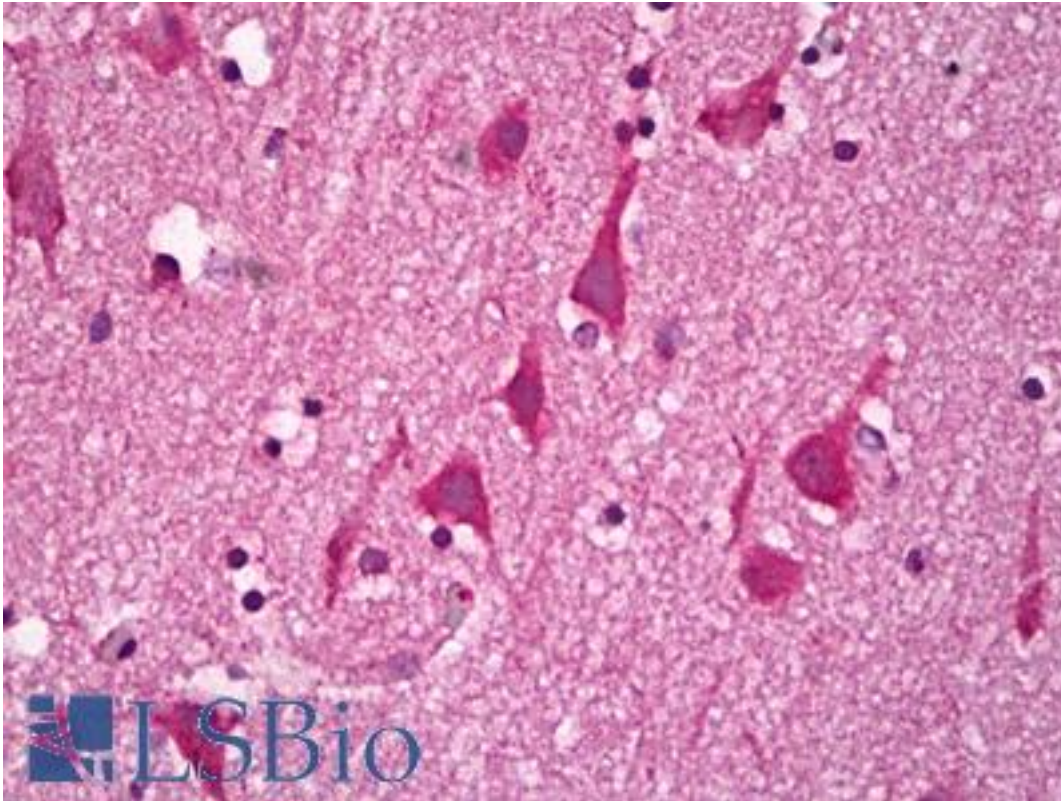


GUCY1B3 Rabbit anti-Rat Polyclonal Antibody - LS-B6961 - LSBio

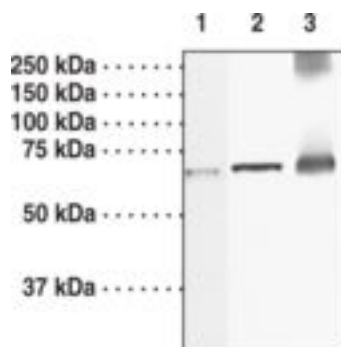
<b>CatalogID:</b>	LS-B6961
<b>Validation:</b>	This antibody replaces catalog number LS-C146679. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	guanylate cyclase 1, soluble, beta 3 (GUCY1B3)
<b>Synonyms:</b>	GUCY1B3 Antibody, GC-S-beta-1 Antibody, GC-SB3 Antibody, GCS-beta-1 Antibody, GUC1B3 Antibody, GUCB3 Antibody, GUCSB3 Antibody, GUCY1B1 Antibody, GCS-beta-3 Antibody
<b>Family / Subfamily:</b>	Guanyl cyclase / not assigned-Guanyl cyclase
<b>Host</b>	GUCY1B3 antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Isotype:</b>	IgG
<b>Immunogen Species:</b>	GUCY1B3 antibody was raised against Rat
<b>Immunogen:</b>	GUCY1B3 antibody was raised against rat soluble guanylate cyclase 1 subunit amino acids 188-207 (EDFYEDLDRFEENGQTQDSR). Percent identity by BLAST analysis: Rat, Bat (100%); Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Bovine, Dog, Hamster, Panda, Horse, Rabbit, Pig, Opossum, Platypus, Lizard (95%); Elephant, Turkey, Chicken, Xenopus (89%).
<b>Specificity:</b>	Does not cross react with alpha-1 subunit.
<b>Reactivity:</b>	Rat, Human, Bat
<b>Predicted Reactivity:</b>	Gorilla, Gibbon, Monkey, Mouse, Bovine, Dog, Hamster, Horse, Pig, Rabbit
<b>Purification:</b>	Affinity purified
<b>Presentation:</b>	TBS, pH 7.4, 0.5mg/ml BSA, 0.02% sodium azide, 50% glycerol
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot (1:200) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	250 µl
<b>Concentration:</b>	0.2 mg/ml

**Immunohistochemistry Image:**



Anti-GUCY1B3 / Guanylyl Cyclase Beta 1 antibody IHC of human brain, cortex neurons. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6961 concentration 5  $\mu$ g/ml.

**Western Blot Image:**



Lane 1: Bovine lung membrane (75  $\mu$ g)  
Lane 2: Mouse brain supernatant (25  $\mu$ g)  
Lane 3: Bovine lung supernatant (25  $\mu$ g)

Western blot of GUCY1B3 antibody LS-B6961.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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