SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-SHC3 antibody

Catalog Number: SL6199R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	SHC3
Immunogen:	KLH conjugated synthetic peptide derived from human SHC3: 501-594/594
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Horse)
Predicted MW.:	64kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	Signaling adapter that couples activated growth factor receptors to signaling pathway in neurons. Involved in the signal transduction pathways of neurotrophin-activated Trk receptors in cortical neurons. **Function:** Signaling adapter that couples activated growth factor receptors to signaling pathway in neurons. Involved in the signal transduction pathways of neurotrophin-activated Trk receptors in cortical neurons. **Subunit:** Interacts with the Trk receptors in a phosphotyrosine-dependent manner. Once activated, binds to GRB2. Interacts with activated EGF receptors. **Tissue Specificity:** Mainly expressed in brain. Hardly detectable in other tissues, except in pancreas. Highly expressed in the cerebral cortex, frontal and temporal lobes, occipital pole, hippocampus, caudate nucleus and amygdala. Expressed at low level in the cerebellum, medulla and spinal cord. **Post-translational modifications:** Tyrosine phosphorylated. **Similarity:** Contains 1 PID domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Contains 1 SH2 domain. **Database links:** **Entrez Gene:** 53358 Human **Entrez Gene:** 20418 Mouse **Entrez Gene:** 114858 Rat Omim: 605263 Human **SwissProt:** Q92529 Human **SwissProt:** Q61120 Mouse **SwissProt:** O70143 Rat **Unigene:** 292737 Human **Unigene:** 131870 Mouse **Unigene:** 210551 Rat

[VALIDATION IMAGES]

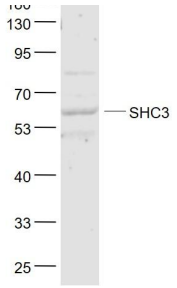


Figure 1. Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti- SHC3 (SL6199R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kD Observed band size: 64 kD

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