

Shc3 (Phospho Tyr424) Rabbit pAb

CatalogNo: YP1771

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 65kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human Shc3 (Phospho-Tyr424)

Specificity This antibody detects endogenous levels of Shc3 (Phospho-Tyr424) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):PTyVN

| Target Information

Gene name SHC3 NSHC SHCC

Protein Name Shc3 (Phospho-Tyr424)

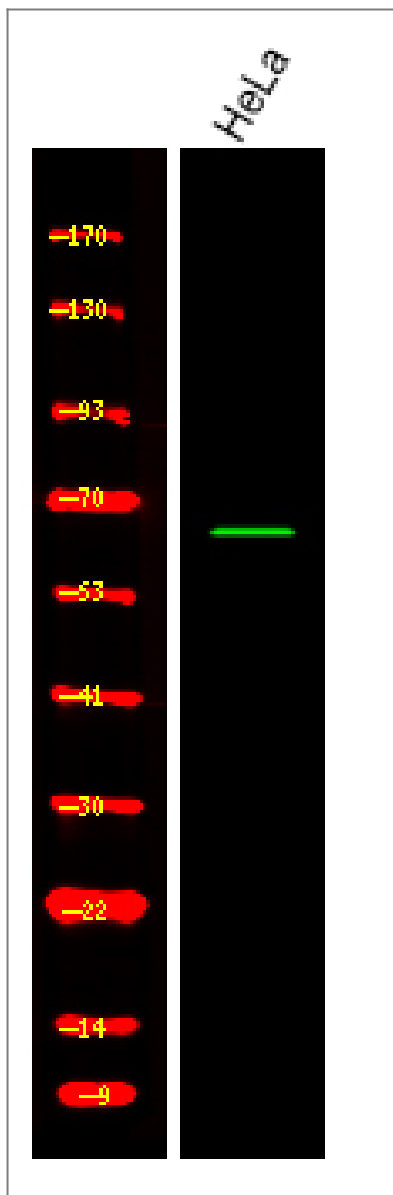
Organism	Gene ID	UniProt ID
Human	53358;	Q92529;
Mouse	20418;	Q61120;
Rat		O70143;

Cellular Localization cytosol ,plasma membrane ,

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.

Function 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. ,PTM:Tyrosine phosphorylated. ,similarity:Contains 1 PID domain. ,similarity:Contains 1 SH2 domain. ,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. ,

| Validation Data



Western blot analysis of various, using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

Contact information

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Shc3 (Phospho Tyr424) Rabbit pAb

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