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Anti-SHCC Antibody

Catalog # AP61472

Product Information

Application	WB, IHC
Primary Accession	Q92529
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64056

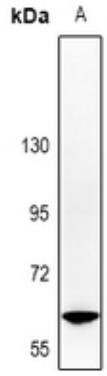
Additional Information

Gene ID	53358
Other Names	NSHC; SHCC; SHC-transforming protein 3; Neuronal Shc; N-Shc; Protein Rai; SHC-transforming protein C; Src homology 2 domain-containing-transforming protein C3; SH2 domain protein C3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SHCC. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

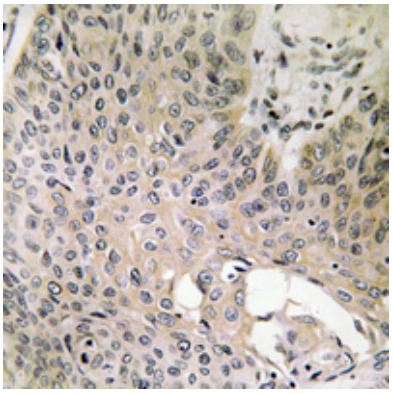
Protein Information

Name	SHC3
Synonyms	NSHC, SHCC
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.
Tissue Location	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.

Images



Western blot analysis of SHCC expression in U87MG (A) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 64 kD)



Immunohistochemical analysis of SHCC staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.