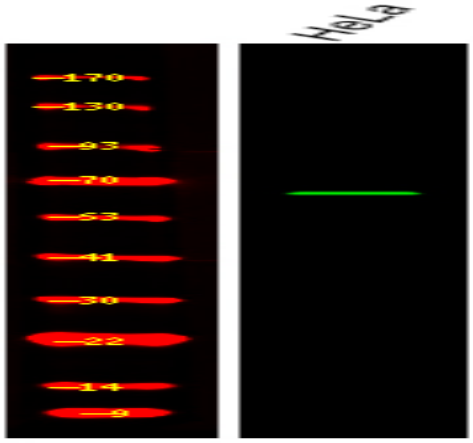
Best Tools for immunology Research

Shc3 (Phospho Tyr424) rabbit pAb

Catalog No :	YP1771
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	Shc3
Fields :	>>EGFR tyrosine kinase inhibitor resistance;>>Endocrine resistance;>>ErbB signaling pathway;>>Ras signaling pathway;>>Chemokine signaling pathway;>>Phospholipase D signaling pathway;>>Focal adhesion;>>Natural killer cell mediated cytotoxicity;>>Neurotrophin signaling pathway;>>Insulin signaling pathway;>>Estrogen signaling pathway;>>Prolactin signaling pathway;>>Relaxin signaling pathway;>>Growth hormone synthesis, secretion and action;>>Alcoholism;>>Bacterial invasion of epithelial cells;>>Glioma;>>Chronic myeloid leukemia;>>Breast cancer;>>Hepatocellular carcinoma;>>Gastric cancer
Gene Name :	SHC3 NSHC SHCC
Protein Name :	Shc3 (Phospho-Tyr424)
Human Gene Id :	53358
Human Swiss Prot No :	Q92529
Mouse Gene Id :	20418
Mouse Swiss Prot No :	Q61120
Rat Swiss Prot No :	O70143
Immunogen :	Synthesized peptide derived from human Shc3 (Phospho-Tyr424)
Specificity :	This antibody detects endogenous levels of Shc3 (Phospho-Tyr424) at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	65kD
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.,
Subcellular Location :	cytosol,plasma membrane,
Expression :	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.
Sort :	25250
No4 :	1

Products Images



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