Src (PT0588R) PT® Rabbit mAb

CatalogNo: YM8399 Recombinant

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat,

Applications
- WB,IHC,IF,IP,ELISA

MW
- 60kD (Calculated)

60kD (Observed)

Isotype
- IgG,Kappa

Recommended Dilution Ratios

IHC 1:1000-1:4000
WB 1:2000-1:10000
IF 1:200-1:1000
ELISA 1:5000-1:20000
IP 1:50-1:200

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Basic Information

Clonality	Monoclonal
Clone Number	PT0588R

Immunogen Information

Specificity	Endogenous

Target Information

Gene name SRC SRC1

Protein Name Src

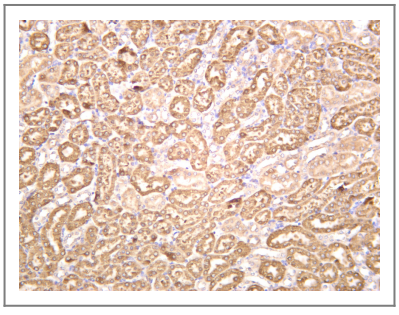
Organism	Gene ID	UniProt ID
Human	6714;	P12931;
Mouse	20779;	P05480;
Rat		Q9WUD9;

Cellular Localization Cytoplasm, Nucleus

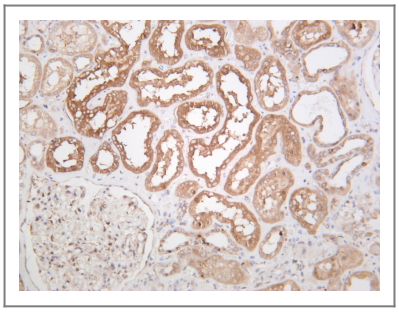
Tissue specificity Expressed ubiquitously. Platelets, neurons and osteoclasts express 5-fold to 200-fold higher levels than most other tissues.; [Isoform 1]: Expressed in spleen and liver. ; [Isoform 2]: Expressed in brain. ; [Isoform 3]: Expressed in brain.

Function Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,PTM:Phosphorylated on Tyr-530 by c-Src kinase (CSK). The phosphorylated form is termed pp60c-src. The phosphorylated tail interacts with the SH2 domain thereby repressing kinase activity.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subunit:Interacts with DDEF1/ASAP1; via the SH3 domain. Interacts with CCPG1 (By similarity). Interacts with CDCP1, PELP1, TGFB1I1 and TOM1L2. Interacts with the cytoplasmic domain of MUC1, phosphorylates it and increases binding of MUC1 with beta-catenin. Interacts with RALGPS1; via the SH3 domain. Interacts with HEV ORF3 protein; via the SH3 domain.,

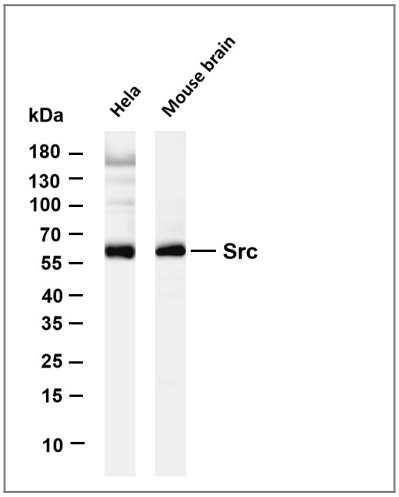
Validation Data



Mouse kidney was stained with anti-Src rabbit antibody



Human kidney was stained with anti-Src rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Src antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: Mouse brain Predicted band size: 60kDa Observed band size: 60kDa

Contact information

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Please scan the QR code to access additional product information:
Src (PT0588R) PT® Rabbit mAb

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