

Product datasheet for **TA381989**

FYN Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IP, WB |
| Recommended Dilution: | WB,1:500 - 1:2000 IP,1:50 - 1:100 |
| Reactivity: | Human |
| Modifications: | Phospho Y416/Y416 |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A phospho specific peptide corresponding to residues surrounding Y416 of human SRC Family |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 40kDa/58kDa/61kDa/54kDa/60kDa |
| Gene Name: | FYN proto-oncogene, Src family tyrosine kinase |
| Database Link: | Entrez Gene 2534 Human P06241 |



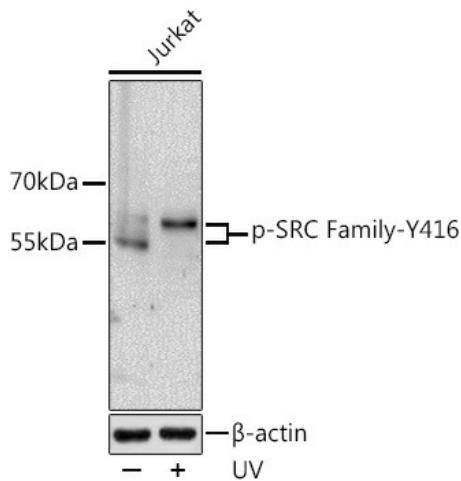
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Background:

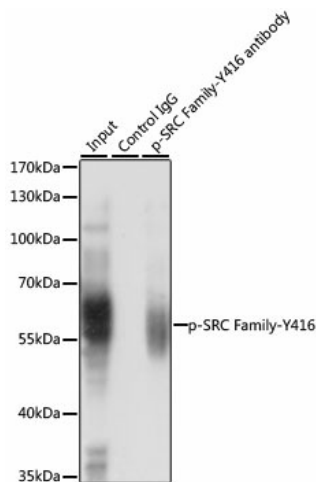
This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq, Aug 2016]

Synonyms:

MGC45350; OTTHUMP00000017917; p59-Fyn; SLK; SYN

Product images:


Western blot analysis of extracts of Jurkat cells, using Phospho-SRC Family-Y416 antibody (TA381989) at 1:1000 dilution. Jurkat cells were treated by UV at room temperature for 15-30 minutes. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: .



Immunoprecipitation analysis of 200ug extracts of Jurkat cells, using 3 ug Phospho-SRC Family-Y416 pAb (TA381989). Western blot was performed from the immunoprecipitate using Phospho-Lck-Y416/FYN-Y416 pAb (TA381989) at a dilution of 1:1000. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37°C for 2 minutes after serum-starvation overnight.