

## Product datasheet for **TA381988**

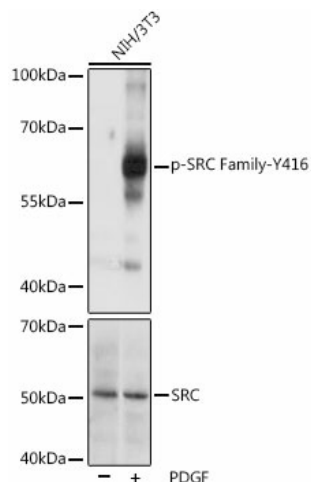
### FYN Rabbit Polyclonal Antibody

#### Product data:

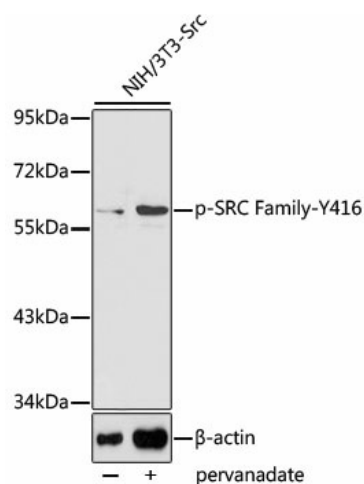
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho Y416
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y416 of human SRC Family
Formulation:	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:	59kDa/60kDa
Gene Name:	FYN proto-oncogene, Src family tyrosine kinase
Database Link:	<a href="#">Entrez Gene 2534 Human P06241</a>
Background:	This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.
Synonyms:	MGC45350; OTTHUMP00000017917; p59-Fyn; SLK; SYN



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**Product images:**


Western blot analysis of extracts of NIH/3T3 cells, using Phospho-SRC Family-Y416 pAb (TA381988) at 1:1000 dilution or SRC antibody (A18240). NIH/3T3 cells were treated by PDGF (100 ng/mL) at 37°C for 30 minutes after serum-starvation overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Basic Kit . | Exposure time: 60s.



Western blot analysis of extracts of NIH/3T3-Src cells, using Phospho-SRC Family-Y416 antibody (TA381988). | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA.