

## Product datasheet for **TA380537**

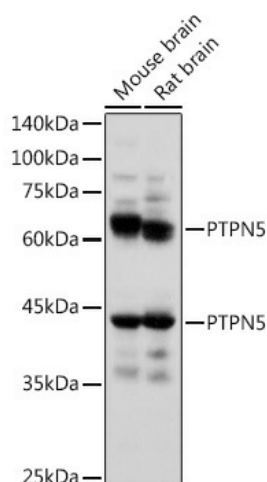
### PTPN5 Rabbit Polyclonal Antibody

#### Product data:

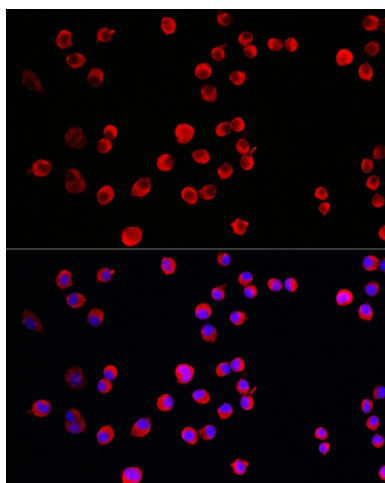
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF, 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 360-490 of human PTPN5 (NP_116170.3).
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
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:	60kDa/63kDa
Gene Name:	protein tyrosine phosphatase, non-receptor type 5
Database Link:	<a href="#">Entrez Gene 84867 Human P54829</a>
Background:	May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.
Synonyms:	FLJ14427; OTTHUMP00000165938; PTPSTEP; STEP



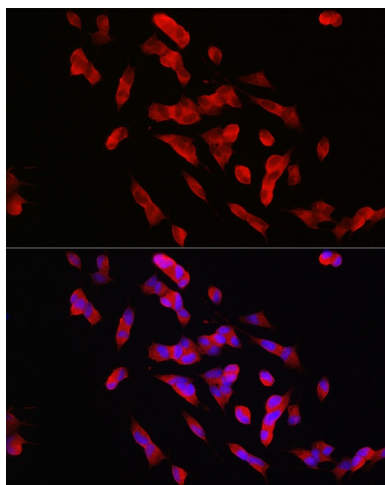
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**Product images:**

Western blot analysis of extracts of various cell lines, using PTPN5 antibody (TA380537) at 1:1000 dilution. | 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 Basic Kit. | Exposure time: 1s.



Immunofluorescence analysis of Neuro-2a cells using PTPN5 Rabbit pAb (TA380537) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using PTPN5 Rabbit pAb (TA380537) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.