

## Product datasheet for **TA380105**

### Adipose Triglyceride Lipase (PNPLA2) Rabbit Polyclonal Antibody

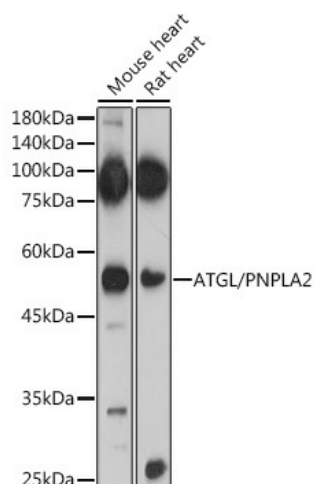
#### Product data:

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 265-504 of human PNPLA2 (NP_065109.1).
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:	19kDa/55kDa
Gene Name:	patatin like phospholipase domain containing 2
Database Link:	<a href="#">Entrez Gene 57104 Human Q96AD5</a>
Background:	This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with myopathy.
Synonyms:	1110001C14Rik; ATGL; DESNUTRIN; DKFZp667M109; FP17548; IPLA2-zeta; PEDF-R; TTS-2.2; TTS2; TTS2.2

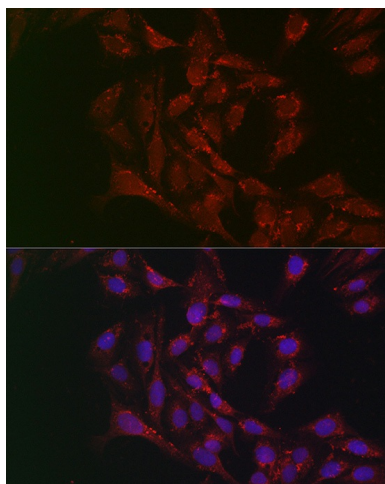


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## Product images:



Western blot analysis of extracts of various cell lines, using ATGL/PNPLA2 antibody (TA380105) 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 Enhanced Kit . | Exposure time: 180s.



Immunofluorescence analysis of U2OS cells using ATGL/PNPLA2 antibody (TA380105) at dilution of 1:100. Blue: DAPI for nuclear staining.