

## Product datasheet for **TA319775**

### TIAF1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TIAF antibody was raised against a 16 amino acid peptide near the amino terminus of human TIAF .
Formulation:	TIAF Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TIAF Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 13 kDa; Observed: 14 kDa
Gene Name:	TGFB1-induced anti-apoptotic factor 1
Database Link:	<a href="#">NP_004731</a> <a href="#">Entrez Gene 9220 Human</a> <a href="#">O95411</a>

**Background:** TIAF Antibody: TIAF-1 (TGFB1-induced anti-apoptotic factor 1), also known as MYO18A, is a TGFB1-induced anti-apoptotic factor that functions to inhibit the cytotoxic effects of TNF-alpha, TRADD and FADD. It localizes to the nucleus and significantly up-regulated in activated helper T lymphocytes (TH2) in chronic kidney and liver allograft rejection. Suppression of TIAF1 expression by siRNA prevents UV irradiation-mediated p53 phosphorylation and nuclear translocation. TIAF1 is essential in the p53- and WOX1-mediated cell death and shows an aggregation-dependent control of tumor progression and metastasis, and regulation of cell death.

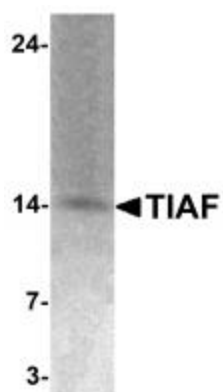


[View online »](#)

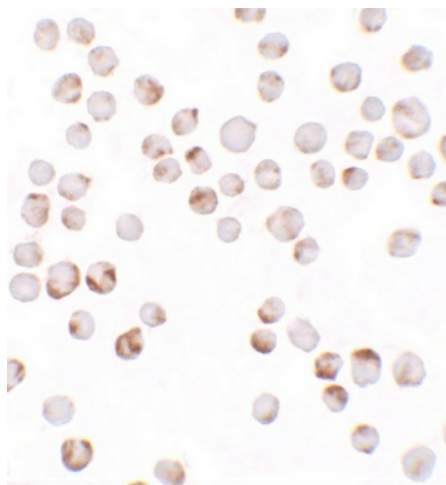
Synonyms: MAJN; SPR210

Protein Families: Druggable Genome

### Product images:



Western blot analysis of TIAF in K562 cell lysate with TIAF antibody at 1 ug/mL.



Immunocytochemistry of TIAF in K562 cells with TIAF antibody at 2.5 ug/mL.