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TNF-alpha Polyclonal antibody Catalog Number: 17590-1-AP 735 Publications

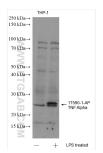


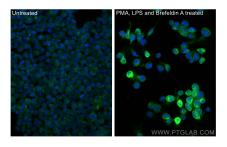
Basic Information	Catalog Number: 17590-1-AP	GenBank Accession Number: BC028148	Purification Method: Antigen affinity purification	
	Size: 150ul, Concentration: 600 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG11433	GenelD (NCBI):	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:50-1:500	
		7124		
		ENSEMBL Gene ID: ENSG00000232810	11/100 1.3001.300	
		UNIPROT ID:		
		P01375		
		Full Name: tumor necrosis factor (TNF superfamily, member 2)		
		Calculated MW: 233 aa, 26 kDa		
		Observed MW: 26 kDa		
Applications	Tested Applications:	Positive	Positive Controls:	
	WB, ELISA Cited Applications:	WB : THP-	1 cells, LPS treated RAW 264.7 cells	
	WB, ELISA, Transwell Assay, Cell trea	atment IF/ICC : P	IF/ICC : PMA, LPS and Brefeldin A treated THP-1 cell	
	Species Specificity: human, mouse			
	Cited Species:			
	human, mouse, rat, rabbit, bovine, sh	eep, fish		
Background Information	TNF, as also known as TNF-alpha, or tumor necrosis factor (TNF) superfam TNF-alpha converting enzyme (TACE circulation. It is produced chiefly by a such as CD4+ lymphocytes, NK cells, functions through its receptors TNFRS of a wide spectrum of biological proc	cachectin, is a multifunctional pro ily. It is expressed as a 26 kDa me) to release the soluble 17 kDa mo activated macrophages, although i neutrophils, mast cells, eosinophil SF1A/TNFR1 and TNFRSF1B/TNFBF resses including cell proliferation,	pnomer, which forms homotrimers in t can be produced by many other cell types ls, and neurons. It can bind to, and thus R. This cytokine is involved in the regulatio	
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Selected Validation Data





Untreated THP-1 and THP-1 (treated with 80nM PMA overnight, replaced the culture medium with 100 ng/ml LPS for 6 hours with addition of 300ng/ml Brefeldin A for the last 3 hours) cells were subjected to SDS PAGE followed by western blot with 17590-1-AP (TNF Alpha antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of (4% PFA) fixed PMA, LPS and Brefeldin A treated THP-1 cells using TNF-alpha antibody (17590-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).