

Polyclonal Antibody to TRIL (770-820) - Purified

Catalog No.:	AP22319PU-N
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Background:	TLR4 interactor with leucine rich repeats (TRIL) is a single-pass type 1 membrane protein and a novel component of the TLR4 complex. TRIL expression and interaction with TLR4 is enhanced by LPS stimulation. Knockdown of TRIL decreases the effect of LPS in cell lines, human PBMC, and glial cells. TRIL is expressed in a number of tissues, most prominently in the brain but also in the spinal cord, lung, kidney, and ovary.
Uniprot ID:	Q7L0X0
NCBI:	NP_055632.2
GeneID:	9865
Host:	Rabbit
Immunogen:	Amino acids 770-820 of human TRIL Remarks: The amino acid sequence used as immunogen is homologous in human (100%), mouse (92%) and rat (92%)
Format:	State: Liquid Ig fraction Purification: Protein A chromatography Buffer System: PBS containing 0.05% BSA and 0.05% sodium azide
Applications:	Western blot: 4-7 µg/ml. Recommended positive control: Jurkat cell lysate. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects TRIL.
Species Reactivity:	Tested: Human Expected from sequence similarity: Mouse, rat
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Carpenter S, Carlson T, Dellacasagrande J, Garcia A, Gibbons S, Hertzog P, et al. TRIL, a functional component of the TLR4 signaling complex, highly expressed in brain. J Immunol. 2009 Sep 15;183(6):3989-95. doi: 10.4049/jimmunol.0901518. Epub 2009 Aug 26. PubMed PMID: 19710467.

Pictures:

Western blot analysis of TRIL in Jurkat cell lysate in the 1) absence and 2) presence of immunizing peptide using AP22319PU-N at 4 µg/ml. Goat anti-rabbit Ig HRP secondary antibody and ECL substrate solution were used for this test.

