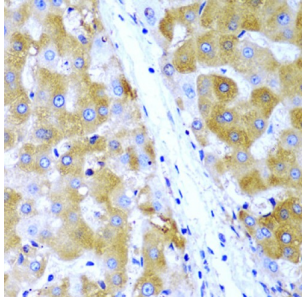
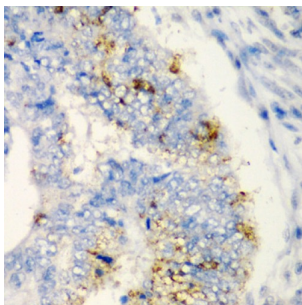


Toll/interleukin-1 Receptor Domain-Containing Adapter Protein (TIRAP) Antibody

Catalogue No.: abx001586



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using TIRAP Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using TIRAP Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.

TIRAP Antibody is a Rabbit Polyclonal antibody against TIRAP. The innate immune system recognizes microbial pathogens through Toll-like receptors (TLRs), which identify pathogen-associated molecular patterns. Different TLRs recognize different pathogen-associated molecular patterns and all TLRs have a Toll-interleukin 1 receptor (TIR) domain, which is responsible for signal transduction. The protein encoded by this gene is a TIR adaptor protein involved in the TLR4 signaling pathway of the immune system. It activates NF-kappa-B, MAPK1, MAPK3 and JNK, which then results in cytokine secretion and the inflammatory response. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described.

Target: Toll/interleukin-1 Receptor Domain-Containing Adapter Protein (TIRAP)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, IHC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-221 of human TIRAP.

Datasheet

Version: 4.0.0

Revision date: 01 Oct 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P58753-1 (UniProt , ExPASy)
Gene Symbol:	TIRAP
GeneID:	114609
NCBI Accession:	NP_001034750.1
Molecular Weight:	Calculated MW: 24 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1.25 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.