

## Product datasheet

# Anti-TIRAP antibody ab47986

### 画像数 1

#### 製品の概要

製品名	Anti-TIRAP antibody
製品の詳細	Goat polyclonal to TIRAP
由来種	Goat
特異性	This antibody is expected to recognize both reported isoforms (NP_001034750.1 and NP_683708.1).
アプリケーション	<b>適用あり:</b> ELISA, WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide: C-QTLLKKPKKRPNSPE , corresponding to internal sequence amino acids 27-41 of Human TIRAP <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
ポジティブ・コントロール	K562 cell lysate.

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab47986** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		
WB		

### 追加情報

Peptide ELISA: Antibody detection limit dilution 1:32,000.

WB: Use at a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 24 kDa observed in lysates of Human myeloid erythroblast cell line K562 (predicted molecular weight: 24 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

### ターゲット情報

#### 関連性

The Toll-like receptor (TLR) family in mammals comprises a family of transmembrane proteins characterized by multiple copies of leucine rich repeats in the extracellular domain and IL-1 receptor motif in the cytoplasmic domain. Like its counterparts in *Drosophila*, TLRs signal through adaptor molecules. The TLR family is a phylogenetically conserved mediator of innate immunity that is essential for microbial recognition. Ten human homologs of TLRs (TLR1-10) have been described. TIRAP (TIR domain-containing adaptor protein) is an adaptor protein used by TLR4. Blocking TIRAP inhibits TLR4-mediated signaling events, including DC maturation and cytokine production. Function: Adapter involved in TLR2 and TLR4 signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response. Positively regulates the production of TNF-alpha and interleukin-6. Tissue specificity: Highly expressed in liver, kidney, spleen, skeletal muscle and heart. Also detected in peripheral blood leukocytes, lung, placenta, small intestine, thymus, colon and brain. Post-translational modification: Phosphorylated by IRAK1 and IRAK4. Also phosphorylated by BTK. Sequence similarities: Contains 1 TIR domain.

#### 細胞内局在

Cytoplasmic

### 画像



Anti-TIRAP antibody (ab47986) at 0.1 µg/ml + K562 cell lysate (35µg protein in RIPA buffer).

**Predicted band size:** 24 kDa

**Observed band size:** 24 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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- We investigate all quality concerns to ensure our products perform to the highest standards

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