# Data Sheet (Cat.No.TMAB-01885)

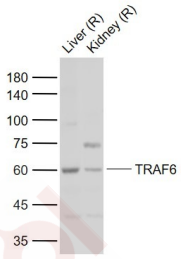
## Anti-TRAF6 Polyclonal Antibody 2

### Product Details

| | |
|---|---|
| Ig Type: | IgG |
| Reactivity: | Rat (predicted:Human,Mouse,Pig,Cow,Horse,Rabbit,Sheep) |
| Molecular Weight: | Theoretical: 60 kDa. Actual: 60 kDa. |
| Purification: | Protein A purified |

### Applications

| | |
|---|---|
| Verified Activity: | Sample:<br>Lane 1: Rat Liver tissue lysates<br>Lane 2: Rat Kidney tissue lysates<br>Primary: Anti-TRAF6 (TMAB-01885) at 1/1000 dilution<br>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 60 kDa<br>Observed band size: 60 kDa |




| | |
|---|---|
| Application: | WB |
| Recommended | WB: 1:500-2000 |

### Properties

| | |
|---|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

### Antigen Details

| | |
|---|---|
| Immunogen: | KLH conjugated synthetic peptide: human TRAF6 |
| Antigen Species: | Human |
| Gene ID: | 7189 |
| Uniprot ID: | Q9Y4K3 |
| Synonyms: | RNF85;RING finger protein 85;Interleukin-1 signal transducer;TNF receptor-associated factor 6;E3 ubiquitin-protein ligase TRAF6;TRAF6;RING-type E3 ubiquitin transferase TRAF6 |
| Biology Area: | Associated Proteins,TRAF,TNF,TRAF,Associated Proteins,TLR Signaling,SARS Coronavirus,TNF,NFkB Pathway |

### Research Background

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF

proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. This protein mediates the signaling not only from the members of the TNF receptor superfamily, but also from the members of the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein. Two alternatively spliced transcript variants encoding identical proteins have been reported. [provided by RefSeq].



Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481