

## Anti-MAP3K8 Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 53 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample:
	Lane1: Heart (Mouse) Lysate at 30 µg
	Lane2: Brain (Mouse) Cell Lysate at 30 µg
	Primary: Anti-MAP3 k8/TPL2 (TMAB-08573) at 1/200 dilution
	Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1/3000 dilution
	Predicted band size: 53 kD
	Observed band size: 50 kD
	2. Sample: Spleen (Mouse) Lysate at 40 µg
	Primary: Anti-MAP3 k8 (TMAB-08573) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 53 kD
	Observed band size: 53 kD
3. Sample: Thymus (Mouse) Lysate at 40 µg	
Primary: Anti-MAP3 k8 (TMAB-08573) at 1/1000 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 53 kD	
Observed band size: 53 kD	
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. 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 MAP3K8/TPL2
Antigen Species:	Human
Gene ID:	1326
Uniprot ID:	P41279

## Research Background

This gene is an oncogene that encodes a member of the serine/threonine protein kinase family. The encoded protein localizes to the cytoplasm and can activate both the MAP kinase and JNK kinase pathways. This protein was

## A DRUG SCREENING EXPERT

---

shown to activate I $\kappa$ B kinases, and thus induce the nuclear production of NF- $\kappa$ B. This protein was also found to promote the production of TNF- $\alpha$  and IL-2 during T lymphocyte activation. This gene may also utilize a downstream in-frame translation start codon, and thus produce an isoform containing a shorter N-terminus. The shorter isoform has been shown to display weaker transforming activity. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2011]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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