

## Anti-TGF alpha Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 17 kDa. Actual: 15 kDa.
Purification:	Protein A purified

### Applications

Sample:	Lane 1: Mouse Kidney tissue lysates Lane 2: Mouse Colon tissue lysates Lane 3: Mouse Spleen tissue lysates Lane 4: Rat Kidney tissue lysates Lane 5: Rat Liver tissue lysates Lane 6: Rat Spleen tissue lysates Lane 7: Human Jurkat cell lysates
Verified Activity:	Lane 8: Human THP-1 cell lysates Lane 9: Human A431 cell lysates Lane 10: Human HepG2 cell lysates Lane 11: Human MCF-7 cell lysates Lane 12: Human U87MG cell lysates Primary: Anti-TGF alpha (TMAB-13489) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kDa Observed band size: 15 kDa
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: mouse TGF-alpha
Antigen Species:	Mouse
Gene ID:	21802
Uniprot ID:	P48030

### Research Background

This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a

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transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].

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