

Anti-TGF alpha Polyclonal Antibody

Product Details

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|-------------------|-----------------------------|
| Ig Type: | IgG |
| Reactivity: | Human,Rat (predicted:Mouse) |
| Molecular Weight: | Actual: 16 kDa. |
| Purification: | Protein A purified |

Applications

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|--------------------|--|
| Sample: | Lane 1: Liver (Rat) Lysate at 40 µg Lane 2: A431 (Human) Cell Lysate at 30 µg |
| Verified Activity: | Primary: Anti-TGF alpha (TMAB-13490) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 15 kD Observed band size: 16 kD |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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|----------------------|---|
| 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

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| 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 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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