



## Rabbit polyclonal antibody to human Transforming growth factor alpha (73-90): Affinity purified

<b>Catalogue No.:</b>	R-1484-100
<b>Description:</b>	Transforming growth factor alpha (TGF alpha) is a mitogenic polypeptide that is able to bind to the EGF receptor. At least 5 isoforms of the protein are produced by alternate splicing (Ref: SWISSPROT).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (73-90 aa) from human Transforming growth factor alpha.
<b>Antigen Location:</b>	73-90
<b>Other Names:</b>	Protransforming growth factor alpha; TGF-alpha; EGF-like TGF; ETGF; TGF type 1; TGFA;
<b>Accession:</b>	P01135 TGFA_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human TGF alpha (isoform 1 precursor) has a predicted length of 160 amino acids and MW of 17 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Transforming growth factor alpha
<b>Cross-reactivity:</b>	Human;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

---

FOR RESEARCH USE ONLY