



TGF α rabbit pAb

Cat No.:ES3593

For research use only

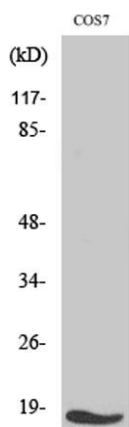
Overview

Product Name	TGF α rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TGF α . AA range:111-160
Specificity	TGF α Polyclonal Antibody detects endogenous levels of TGF α protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protransforming growth factor alpha
Gene Name	TGFA
Cellular localization	[Transforming growth factor alpha]: Secreted, extracellular space.; [Protransforming growth factor alpha]: Cell membrane; Single-pass type I membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	10kD
Human Gene ID	7039
Human Swiss-Prot Number	P01135
Alternative Names	TGFA; Protransforming growth factor alpha
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,

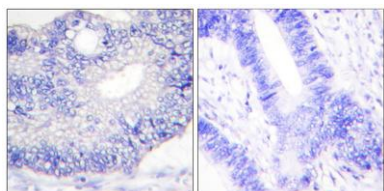




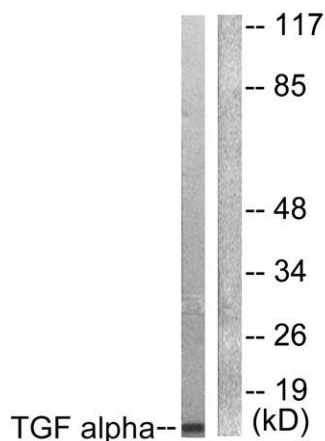
differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms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



Western Blot analysis of various cells using TGF α Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using TGF alpha Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using TGF alpha Antibody. The lane on the right is blocked with the synthesized peptide.

