

TGF alpha Antibody

Catalog No: #33499

Package Size: #33499-1 50ul #33499-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

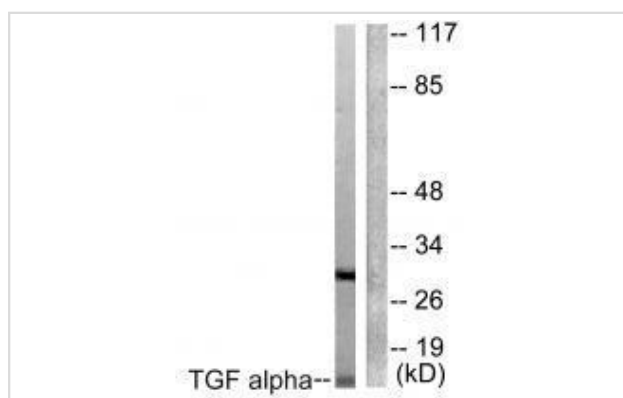
Product Name	TGF alpha Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total TGF alpha protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human TGF alpha.
Target Name	TGF alpha
Other Names	Transforming growth factor alpha; TGF-alpha; EGF-like TGF; ETGF; TGF type 1
Accession No.	Swiss-Prot: P01135NCBI Gene ID: 7039
Uniprot	P01135
GeneID	7039;
SDS-PAGE MW	10kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

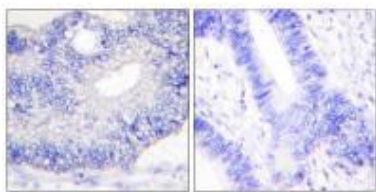
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from COS7 cells, using TGF alpha antibody #33499.

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using TGF alpha antibody #33499.



Background

TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor/EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.

Barbara D. Abbott, Toxicol. Sci., Jan 2003; 71: 84 - 95.

L Shum, J. Cell Biol., May 1994; 125: 903.

M.J. Donnelly, Carcinogenesis, May 1993; 14: 981 - 985.

T Marchbank, Gut, Dec 2002; 51: 787 - 792.

Note: This product is for in vitro research use only