

Protransforming growth factor alpha Polyclonal Antibody

Catalog No: #42480

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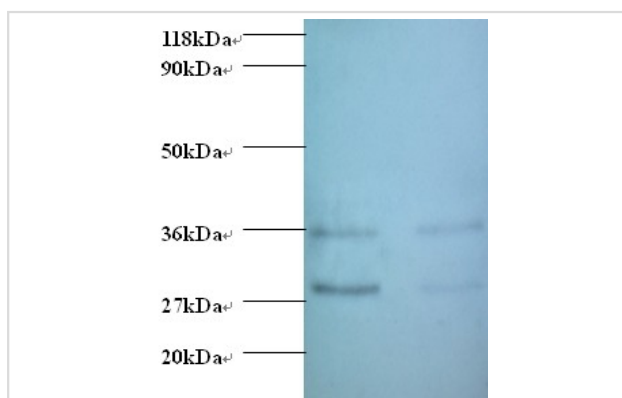
Description

Product Name	Protransforming growth factor alpha Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Protransforming growth factor alpha polyclonal antibody.
Target Name	Protransforming growth factor alpha
Other Names	EGF-like TGF, ETGF, TGF type 1
Accession No.	Swiss-Prot#: P01135
Uniprot	P01135
GeneID	7039;
Calculated MW	18kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



All lanes : Protransforming growth factor alpha antibody at 2ug/ml

Lane 1 : EC109 whole cell lysate
Lane 2 : 293T whole cell lysate

Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 18 kDa

Observed band size: 30 kDa

Additional bands at : 35 kDa. We are unsure as to the identity of this extra band.

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.

References

[1] "Human transforming growth factor-alpha: precursor structure and expression in E. coli." Derynck R., Roberts A.B., Winkler M.E., Chen E.Y., Goeddel D.V. Cell 38:287-297(1984) [PubMed: 6088071] [Abstract] Cited for: NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1

Note: This product is for in vitro research use only