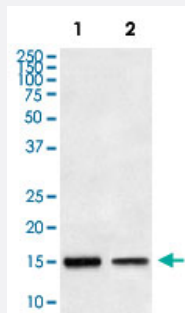


TGFA monoclonal antibody, clone AEGF-20

Catalog # MAB22166 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) HepG2 cell lysate, (2) Human fetal liver lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human TGFA.
Immunogen	A synthetic peptide corresponding to human TGFA.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human TGFA, in native form and recombinant. Superfamily members of TGFA are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of (1) HepG2 cell lysate, (2) Human fetal liver lysate.

Gene Info — TGFA

Entrez GeneID[7039](#)**Protein Accession#**[P01135](#)**Gene Name**

TGFA

Gene Alias

TFGA

Gene Description

transforming growth factor, alpha

Omim ID[190170](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Transforming growth factors (TGFs) are biologically active polypeptides that reversibly confer the transformed phenotype on cultured cells. TGF-alpha shows about 40% sequence homology with epidermal growth factor (EGF; MIM 131530) and competes with EGF for binding to the EGF receptor (MIM 131550), stimulating its phosphorylation and producing a mitogenic response.[supplied by OMIM]

Other Designations

transforming growth factor-alpha

Pathway

- [ErbB signaling pathway](#)
- [Glioma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)

- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Adenocarcinoma](#)
- [Anodontia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Irritable Bowel Syndrome](#)
- [Liver Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pre-Eclampsia](#)
- [Prenatal Exposure Delayed Effects](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)

- [Uniparental Disomy](#)