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Datasheet for ABIN724415

anti-TGFA antibody (AA 40-89)

5 Images

2 Publications

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | TGFA |
| Binding Specificity: | AA 40-89 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TGFA antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human TGF-alpha |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | TGFA |
| Alternative Name: | TGF alpha (TGFA Products) |
| Background: | Synonyms: TFGA, Protransforming growth factor alpha, TGFA Background: TGF alpha is a mitogenic polypeptide that is able to bind to the EGF |

Target Details

receptor/EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.

Gene ID: 7039

UniProt: [P01135](#)

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [EGFR Signaling Pathway](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

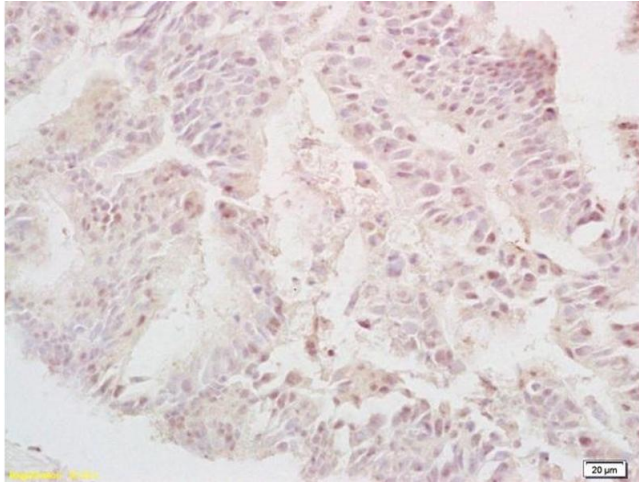
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

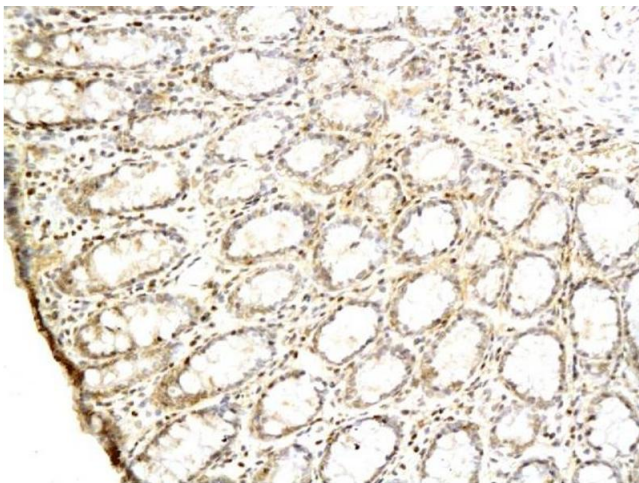
Product cited in: Sun, Chen, Chen, Liu, Feng, Zong, Zhao: "The correlation between microRNA490-3p and TGFα in endometrial carcinoma tumorigenesis and progression." in: **Oncotarget**, Vol. 7, Issue 8, pp.

Images



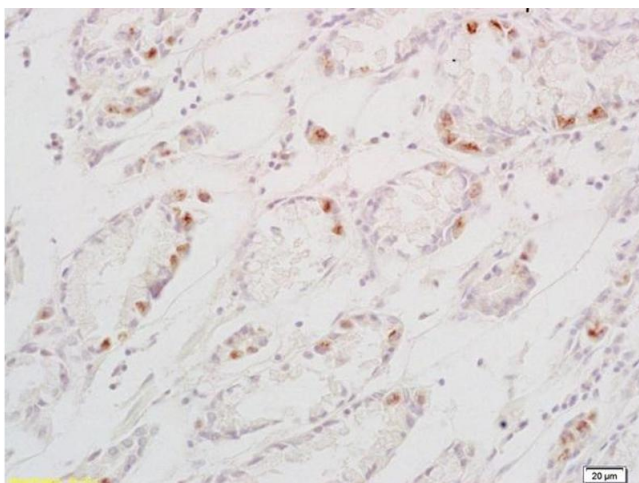
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Rabbit Anti-TGF alpha Polyclonal Antibody (ABIN724415) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat colon labeled with Anti-TGF alpha Polyclonal Antibody Unconjugated (ABIN724415) followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti-TGF alpha Polyclonal Antibody, Unconjugated (ABIN724415) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN724415.