

Datasheet for ABIN1104644

anti-TGFA antibody**2** Images[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TGFA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFA antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Neutralization (Neut)

Product Details

Brand:	IHC-plus™
Immunogen:	E.coli derived recombinant Human TGF-alpha. Type of Immunogen: Cell extract
Isotype:	IgG
Specificity:	Human TGF-alpha
Purification:	Immunoaffinity purified

Target Details

Target:	TGFA
Alternative Name:	TGFA / TGF Alpha (TGFA Products)

Target Details

Background:	Name/Gene ID: TGFA Family: TGF beta Synonyms: TGFA, Etgf, TFGA, TGF Alpha, Tgf type 1, TGF-alpha, Egf-like tgf
Gene ID:	7039
UniProt:	P01135
Pathways:	NF-kappaB Signaling , RTK Signaling , EGFR Signaling Pathway

Application Details

Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), IHC, IHC-P (5 µg/mL), Neut (2.5 - 3.7 µg/mL), WB (0.1 - 0.2 µg/mL) Usage: Immunohistochemistry: LS-B7423 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/mL is recommended. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of Human TGF-alpha (0.5 ng/mL), a concentration of 2.5-3.7 µg/mL of this antibody is required. ELISA: To detect Human TGF-alpha by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human TGF-alpha (LS-C104603) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human TGF-alpha. Western Blot: To detect Human TGF-alpha by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human TGF-alpha is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2

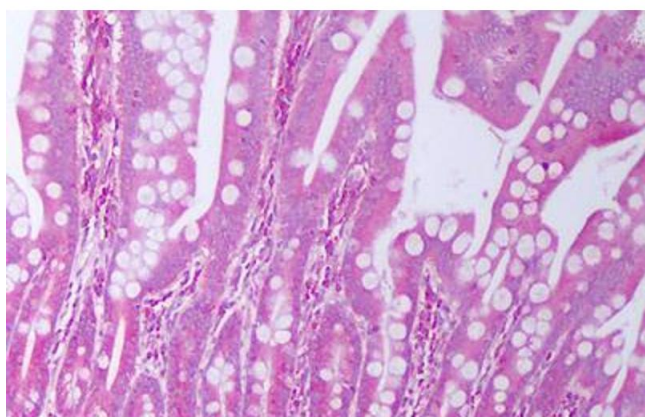
Handling

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

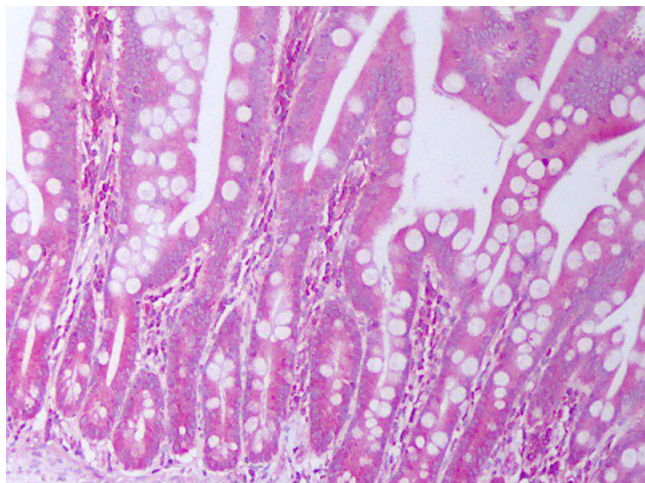
Storage Comment: Store Lyophilized at room temperature up to 1 month
Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
Avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-TGFA / TGF Alpha antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1104644 concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-TGFA / TGF Alpha antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.