

Datasheet for ABIN2781790
anti-TGFBI antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TGFBI
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFBI antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TGFBI
Sequence:	LKNNVSVNK EPVAEPDIMA TNGVVHVITN VLQPPANRPQ ERGDELADSA
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TGFBI. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TGFBI
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Target Details

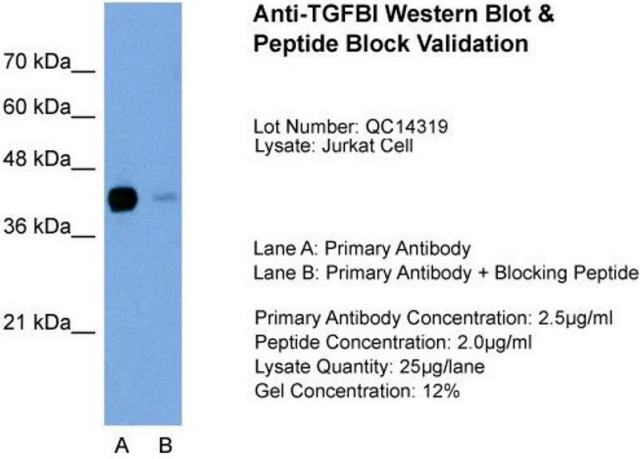
Alternative Name:	TGFB1 (TGFB1 Products)
Background:	<p>TGFB1 Binds to type I, II, and IV collagens. This adhesion protein may play an important role in cell-collagen interactions. In cartilage, may be involved in endochondral bone formation.</p> <p>Alias Symbols: BIGH3, CDB1, CDG2, CDGG1, CSD, CSD1, CSD2, CSD3, EBMD, LCD1</p> <p>Protein Interaction Partner: FAM9B, FN1, COL1A2, COL1A1, COL2A1, COL4A4, COL4A1, COL4A2, COL4A3, A2M,</p> <p>Protein Size: 416</p>
Molecular Weight:	46 kDa
Gene ID:	7045
UniProt:	Q15582

Application Details

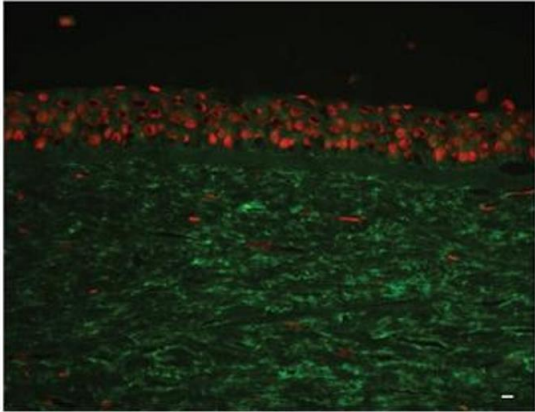
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 416 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



TGFBI



Western Blotting

Image 1. Host: Rabbit Target Name: TGFBI Sample Type: Jurkat Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12%

Immunofluorescence

Image 2. Species, Tissue/Cell Type: Human Cornea tissue (epithelium and stroma) Primary used and dilution: 1:400

Western Blotting

Image 3. WB Suggested Anti-TGFBI Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate