



## TGFBI Polyclonal Antibody

Catalog No	E92561	Lot Number	P00009
Applications	WB IHC	Quantity	100ul, 100ug/100ul
Cross-Reactivity	H M R	Calculated MW	68kDa

### Immunogen Information

Immunogen	A synthetic peptide of human TGFBI
Gene ID	7045
Swiss Prot	Q15582
Synonyms	BIGH3; CDB1; CDG2 ; CDGG1; CSD; CSD1 ; EBMD; CSD2; CSD3; LCD1 ;

### Product information

Species	Rabbit
Isotype	IgG
Purity	Affinity purification
Storage	Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

TGFBI is a RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. TGFBI plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. TGFBI is induced by transforming growth factor-beta and acts to inhibit cell adhesion.

### Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50- 1:200