

## Anti-Fibulin 5 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 48 kDa. Actual: 30 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: Lane 1: Recombinant human Fibulin 5 protein, C-His (Fibulin 5 (TMAB-06027) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kDa Observed band size: 30 kDa
	2. Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Fibulin 5 Polyclonal Antibody, Unconjugated (TMAB-06027) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
	3. Paraformaldehyde-fixed, paraffin embedded Human Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Fibulin 5 Polyclonal Antibody, Unconjugated (TMAB-06027) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
	4. Paraformaldehyde-fixed, paraffin embedded Human Uterus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Fibulin 5 Polyclonal Antibody, Unconjugated (TMAB-06027) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
	5. 4% Paraformaldehyde-fixed WI-38 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (Fibulin 5) polyclonal Antibody, unconjugated (TMAB-06027) 1: 100, 90 min at 37°C; followed by BF488 conjugated Goat Anti-Rabbit IgG antibody (green, BF488) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
Application:	ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	ICC/IF=1:50-200; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: human Fibulin 5 protein  
Antigen Species: Human  
Gene ID: 10516  
Uniprot ID: Q9UBX5

---

### Research Background

Fibulin 5: A protein that belongs to a family of extracellular proteins expressed in the basement membranes of blood vessels. Fibulin 5 may be essential for the polymerization of elastin. Missense mutations in FBLN5, the gene that encodes fibulin 5, appear responsible for 1-2% of cases of age-related macular degeneration (AMD). FBLN5 is located on chromosome 14 in band 14q32.1. See also: Fibulin 3. May play a role in vascular growth and maturation during development and in lesions of injured vessels.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481