TGFB3 Rabbit pAb

**Catalog No.** A8460  
**Category** Polyclonal Antibodies

**Applications** WB, IHC, IF  
**Observed MW** 60kDa

**Cross-reactivity** Human, Mouse, Rat  
**Calculated MW** 35kDa/47kDa

**Immunogen Information**

**Immunogen** Recombinant fusion protein containing a sequence corresponding to amino acids 25-300 of human TGFB3 (NP_003230.1).

**Gene ID** 7043  
**Swiss prot** P10600

**Synonyms** TGFB3;ARVD;ARVD1;LDS5;RNHF;TGF-beta3

**Product information**

**Source** Rabbit  
**Isotype** IgG

**Purification method** Affinity purification

**Storage** Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

**Background**

This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and is involved in embryogenesis and cell differentiation. Defects in this gene are a cause of familial arrhythmogenic right ventricular dysplasia 1.

Immunofluorescence analysis of HeLa cells using TGFB3 antibody (A8460) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunohistochemistry of paraffin-embedded mouse lung using TGFB3 antibody (A8460) at dilution of 1:100 (40x lens).

**Recommended Dilutions**

- **WB** 1:500 - 1:2000
- **IHC** 1:50 - 1:100
- **IF** 1:50 - 1:200

Western blot analysis of extracts of various cell lines, using TGFB3 antibody (A8460) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.