



Rabbit anti TGF-beta 2 Polyclonal Antibody

Alternative Name(s): transforming growth factor, beta 2; TGFB2

Order Information

- **Description:** TGF-beta 2
- **Catalogue:** 500-3784
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB, IP
- **Reactivity:** Hu, Ms, Rt

ANTIGEN PREPARATION

A full length recombinant protein of human TGF-beta 2.

BACKGROUND

This antibody recognizes ~50 kDa of TGF-beta 2, not TGF-beta 1 and less extent of TGF-beta 3. It reacts with human, rat and mouse. The other species are not tested.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~13 kDa of TGF-beta 2, not TGF-beta 1 and less extent of TGF-beta 3. It reacts with human, rat and mouse. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

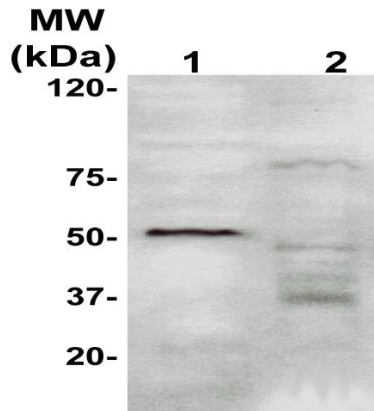
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 50.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

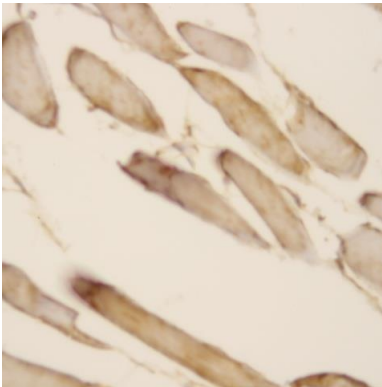
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AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com

DATA ATTACHMENTS



Western Blot: The whole tissue lysate derived from Rat placenta (Lane 1) and skeletal muscle (Lane 2) were separated in 10% SDS-PAGE, transferred onto NC membrane, and immunoblotted by Rabbit anti – TGFB2 (Cat#500-3784) antibody at 1:500 . An immunoreactive band around ~50 kDa is observed in rat placenta, but not in muscle.



Immunohistochemistry: Mouse Bone tissue (FFPE) stained with Rabbit anti-TGF-beta 2 (Cat#) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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