

Anti-TGF beta 3 Antibody

Catalog # AP51558

Product Information

Application	WB, IHC
Primary Accession	P10600
Reactivity	Human, Mouse, Rat, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47328

Additional Information

Gene ID	7043
Other Names	Transforming growth factor beta-3; TGF-beta-3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TGF beta 3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

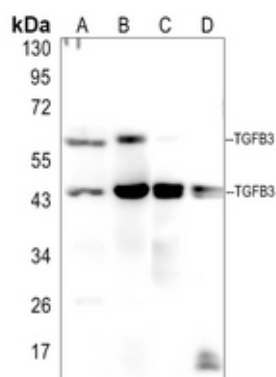
Protein Information

Name	TGFB3
Function	Transforming growth factor beta-3 proprotein: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-3 (TGF-beta-3) chains, which constitute the regulatory and active subunit of TGF-beta-3, respectively.
Cellular Location	[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:P01137}

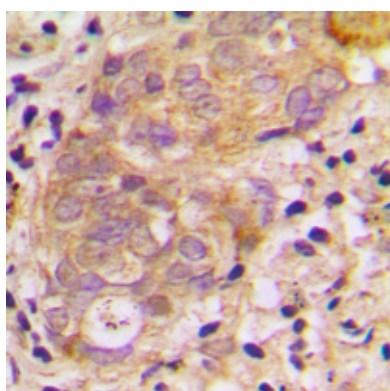
References

ten Dijke P.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:4715-4719(1988).
Derynck R.,et al.EMBO J. 7:3737-3743(1988).
Madan A.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.
Heilig R.,et al.Nature 421:601-607(2003).

Images



Western blot analysis of TGF beta 3 expression in HEK293T (A), MCF7 (B), mouse kidney (C), rat kidney (D) whole cell lysates. (Predicted band size: 35; 47 kD; Observed band size: 44 kD)



Immunohistochemical analysis of TGF beta 3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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