TGFβ2 rabbit pAb

Cat#: orb771581 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	TGFβ2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000
Immunogen	The antiserum was produced against synthesized peptide derived from human TGF beta2. AA range:361-410
Specificity	The antibody detects endogenous TGFβ2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Transforming growth factor beta-2 (TGF-beta-2) (BSC-1 cell growth inhibitor) (Cetermin) (Glioblastoma-derived T-cell suppressor factor) (G-TSF) (Polyergin)
Gene Name	TGFB2
Cellular localization	[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix .; [Transforming growth factor beta-2]: Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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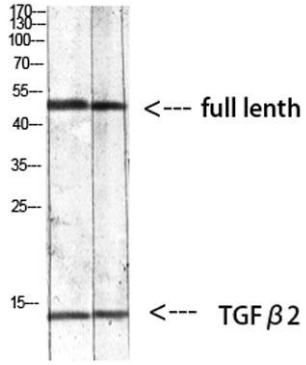
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	47+12kD
Human Gene ID	7042
Human Swiss-Prot Number	P61812
Alternative Names	Transforming growth factor beta-2 (TGF-beta-2;BSC-1 cell growth inhibitor;Cetermin;Glioblastoma-derived T-cell suppressor factor;G-TSF;Polyergin)
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGF-beta family members. Disruption of the TGF-beta/SMAD pathway has been implicated in a variety of human cancers. A chromosomal translocation that includes this gene is associated with Peters' anomaly, a congenital defect of the an



Western blot analysis of mouse-kidney 293T mouse-lung lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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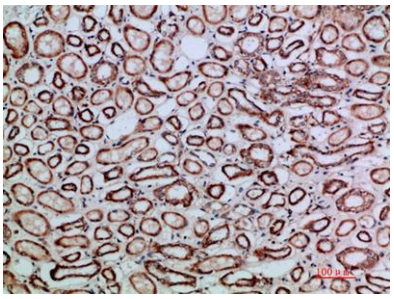
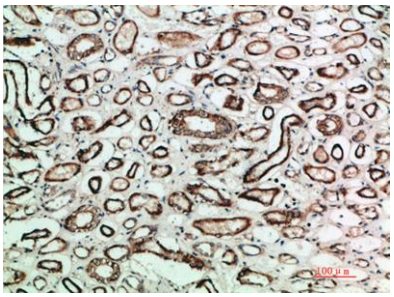
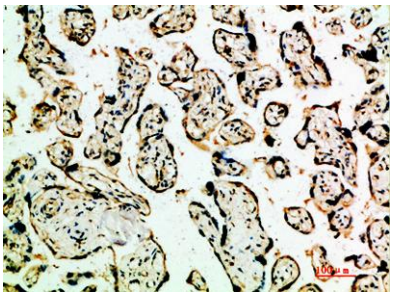


Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-placenta, antibody was diluted at 1:200

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