antibodies - online.com







anti-TGFBR2 antibody (AA 13-40)



Images



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Overview		
Quantity:	0.4 mL	
Target:	TGFBR2	
Binding Specificity:	AA 13-40	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TGFBR2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	A portion of amino acids 13-40 from the human protein was used as the immunogen for this	
	TGFBR2 antibody.	
Isotype:	lg Fraction	
Purification:	Antigen affinity purified	
Target Details		
Target:	TGFBR2	
Alternative Name:	TGFBR2 (TGFBR2 Products)	
Background:	This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor	
	subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain,	
	forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This	

Target Details

receptor/ligand co	mplex phosphorylates proteins, which then enter the nucleus and regulate
the transcription c	f a subset of genes related to cell proliferation. Mutations in this gene have
been associated w	rith Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the
development of va	rious types of tumors. Alternatively spliced transcript variants encoding
different isoforms	have been characterized.

UniProt:

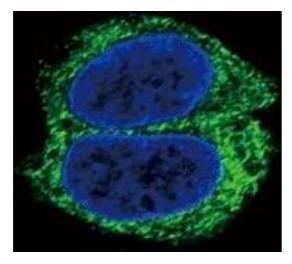
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Application Details

Application Notes:	Titration of the TGFBR2 antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000-2000,IHC (Paraffin): 1:10-	
	1:50,Immunofluorescence: 1:10-1:50	
Restrictions:	For Research Use only	

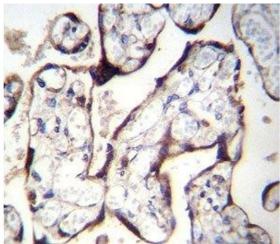
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the TGFBR2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



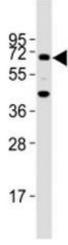
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of TGFBR2 antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Immunohistochemistry

Image 2. TGFBR2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.



Western Blotting

Image 3. Western blot testing of TGFBR2 antibody at 1:2000 dilution + mouse lung lysate; Predicted molecular weight $\sim 65 \, \text{kDa}$.

Please check the product details page for more images. Overall 5 images are available for ABIN3029224.