

# **Product Data Sheet**

### **Anti-BMPR2** Antibody

Catalog #	Source	Reactivity	Applications		
CPA2936	Rabbit	H, M, R, P	WB, IH		
Description	R	abbit polyclonal antibody t	o BMPR2		
Immunogen	K	LH-conjugated synthetic pe	ptide encompassing a sequence within the N-term		
	re	egion of human BMPR2. Th	e exact sequence is proprietary.		
Purification	TI	he antibody was purified b	/ immunogen affinity chromatography.		
Specificity	R	ecognizes endogenous leve	ls of BMPR2 protein.		
Clonality	P	olyclonal			
Conjugation					
Form		Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,			
	a	nd 0.01% sodium azide.			
Dilution	W	VB (1/500 - 1/1000), IH (1/50	- 1/100)		
Gene Symbol	В	MPR2			
Alternative Na	ames P	PH1; Bone morphogenetic	protein receptor type-2; BMP type-2 receptor; BMPR-2;		
	B	one morphogenetic protei	receptor type II; BMP type II receptor; BMPR-II		
Entrez Gene	6	59 (Human); 12168 (Mouse	2)		
SwissProt	Q	(13873 (Human); O35607 (I	Mouse)		
Storage/Stabi	lity Sl	hipped at 4°C. Upon delive	y aliquot and store at -20°C for one year. Avoid		
	fr	eeze/thaw cycles.			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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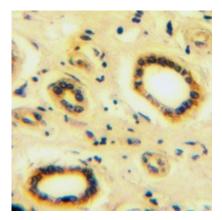


35

kDa A B C D 130 105 70 45 For research purposes only, not for human use

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Western blot analysis of BMPR2 expression in mouse kidney (A), mouse heart (B), rat kidney (C), rat heart (D) whole cell lysates. (Predicted band size: 115 kD; Observed band size: 100 kD)



Immunohistochemical analysis of BMPR2 staining in human kidney 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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