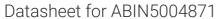
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anti-HDGFRP2 antibody (Alexa Fluor 680)



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Overview		
Quantity:	100 μL	
Target:	HDGFRP2	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HDGFRP2 antibody is conjugated to Alexa Fluor 680	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human HRP2	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	

Target Details

Purification:

Target:	HDGFRP2	
Alternative Name:	HRP2 (HDGFRP2 Products)	
Background:	Synonyms: HDGF-2, Hdgfrp2, HDGR2_HUMAN, Hepatoma-derived growth factor 2, Hepatoma-	
	derived growth factor, Hepatoma-derived growth factor-related protein 2, heptoma derived	
	growth factor related protein 2, HRP-2.	
	Rackground: Henatoma Derived Growth Factor (HDGE) is the original member of a family of	

Purified by Protein A.

polypeptides designated HDGF-related proteins (HRPs). HDGF was initially characterized as a secreted mitogen from the Huh-7 human hepatoma cell line. This nuclear targeted vascular smooth muscle cell mitogen (VSM) is a heparin-binding protein that is highly expressed in tumor cells where it stimulates proliferation. HDGF is also reported to be involved in organ development and lung remodeling after injury by promoting proliferation of lung epithelial cells. During development, HDGF expression is high in the nucleus and cytoplasm of smooth muscle and endothelial cells. The HRP (HDGF related proteins) family contains four proteins, HRP-1, HRP-2, HRP-3 and HRP-4. HRP-1 and HRP-4 are only expressed in testis while HRP-2 is widely expressed in different tissues. HRP-3 can solely be found in the nervous system. Specifically it is strongly expressed in bulbus, olfactorius, piriform cotrex and amygdala complex while HRP-2 in brain is located in the the thalamus, prefrontal and parietal cortex, neurohypophysis, and the cerebellum. In the central nervous system, HRP proteins are play a role in neuron proliferation and cell survival.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months