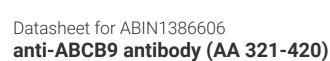
# antibodies - online.com







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Quantity:	100 μL	
Target:	ABCB9	
Binding Specificity:	AA 321-420	
Reactivity:	Mouse, Rat, Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ABCB9 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human ABCB9	
Isotype:	IgG	
Cross-Reactivity:	Mouse, Pig, Rat	
Predicted Reactivity:	Human,Dog,Cow,Sheep,Horse,Chicken	
Purification:	Purified by Protein A.	

### **Target Details**

ABCB9
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## Target Details

Alternative Name:	ABCB9 (ABCB9 Products)	
Background:	Synonyms: ABC transporter 9 protein, ABCB 9, ATP binding cassette sub family B MDR/TAP	
	member 9, ATP binding cassette sub family B member 9 precursor, ATP binding cassette	
	transporter 9, EST122234, ABCB9, KIAA1520, TAP like protein, TAPL, ABCB9_HUMAN.	
	Background: ATP-binding cassette (ABC) transporters are an evolutionarily conserved family of	
	widely-expressed proteins that use ATP hydrolysis to catalyze the transport of various	
	molecules across extracellular and intracellular membranes. As the largest family of	
	transmembrane proteins, ABC genes comprise several subfamilies (ABC1, ABCA, ABCE, ABCF,	
	MDR/TAP, MRP, ALD, OABP, GCN20 and White (also known as ABCG)). In bacteria, ABC	
	transporters are used to import compunds that cannot be obtained by diffusion. Eukaryotic	
	ABC transporters are largely responsible for trafficking hydrophobic compounds either within	
	the cell as part of a metabolic process or outside the cell for transport to other organs, or for	
	secretion from the body. ABCB9 (also designated Transporter associated with antigen	
	processing (TAP)-like or TAPL) forms a homodimer, which is localized in lysosomes. It	
	functions as an ATP-dependent peptide transporter that shows a broad peptide specificity	
	ranging from 6-mer up to 59-mer peptides. ABCB9 transports these peptides with low affinity	
	but high efficiency.	
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(IHC-F) 1:50-200 IF(ICC) 1:50-200	
Restrictions:	IF(ICC) 1:50-200	
Restrictions: Handling	IF(ICC) 1:50-200 ICC 1:100-500	
	IF(ICC) 1:50-200 ICC 1:100-500	

# Handling

Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	