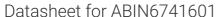
antibodies - online.com







anti-ABCA5 antibody (AA 1296-1345)



Images



Overview

Quantity:	100 μL
Target:	ABCA5
Binding Specificity:	AA 1296-1345
Reactivity:	Human, Dog, Rabbit, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa1296-1345 of human ABCA5 (Q8WWZ7, NP_061142). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Marmoset (100%), Galago, Mouse, Rat, Panda (92%), Bat (90%), Elephant, Dog, Rabbit, Horse, Opossum (85%).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human ABCA5
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Rat (92%) Dog, Rabbit (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	ABCA5
Alternative Name:	ABCA5 (ABCA5 Products)
Background:	Name/Gene ID: ABCA5 Subfamily: ATP-binding cassette - ABCA/ABC1 Family: Transporter
	Synonyms: ABCA5, ATP-binding cassette A5, ABC13, EST90625, KIAA1888
Gene ID:	23461
NCBI Accession:	NP_061142
UniProt:	

Application Details

Application Notes:	Approved: IHC, IHC-P (5 μg/mL), WB
Application Notes.	Approved. In IC, In IC-F (3 µg/ITIL), VVD

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 μ g/mL. ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 μ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment:	Target Species of Antibody: Human

For Research Use only

Handling

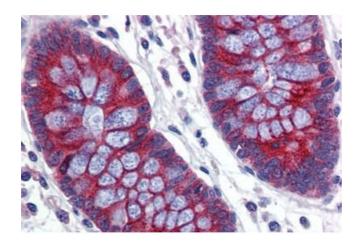
Restrictions:

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose

Handling

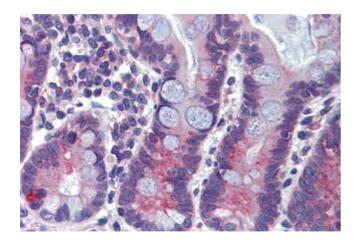
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long
	term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



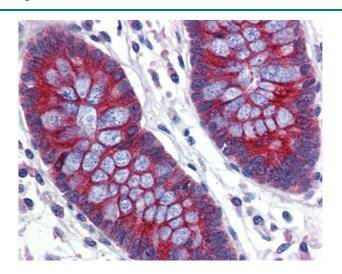
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon (formalin-fixed, paraffin-embedded) stained with ABCA5 antibody ABIN462240 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Small Intestine (formalin-fixed, paraffinembedded) stained with ABCA5 antibody ABIN462240 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-ABCA5 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...