

Datasheet for ABIN6745751
anti-ATG5 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	ATG5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Guinea Pig, Monkey, Pig, Xenopus laevis, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human ATG5 (Q9H1Y0, NP_004840). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Xenopus, Catfish, Beetle (100%), Turkey, Zebra finch, Sparrow, Chicken, Lizard, Salmon, Stickleback, Medaka, Pufferfish, Zebrafish, Drosophila (92%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human ATG5

Product Details

Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Rabbit, Pig, Xenopus (100%) Chicken, Zebrafish (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	ATG5
Alternative Name:	APG5 / ATG5 (ATG5 Products)
Background:	Name/Gene ID: ATG5 Synonyms: ATG5, APG5, APG5-LIKE, APG5L, Apoptosis specific protein, Apoptosis-specific protein, Autophagy related 5, HAPG5, ASP, Autophagy protein 5
Gene ID:	9474
NCBI Accession:	NP_004840
UniProt:	Q9H1Y0
Pathways:	Activation of Innate immune Response , Production of Molecular Mediator of Immune Response , Autophagy

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB Usage: ELISA titer using peptide based assay: 1:1562500. Western Blot: Suggested dilution at 1 µg/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
Restrictions:	For Research Use only

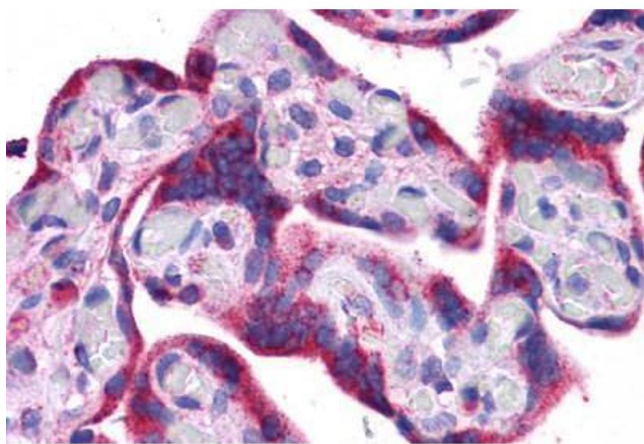
Handling

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific

Handling

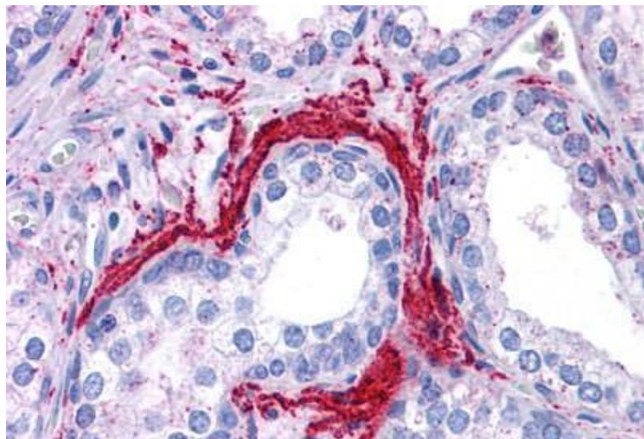
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



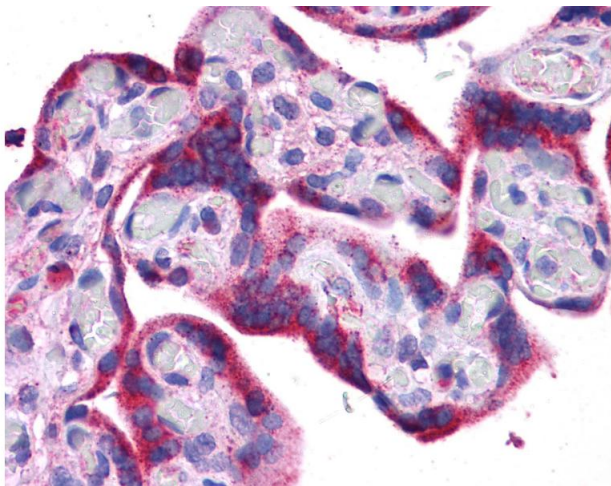
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 3. Anti-ATG5 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other fo ...