ATG4D Antibody

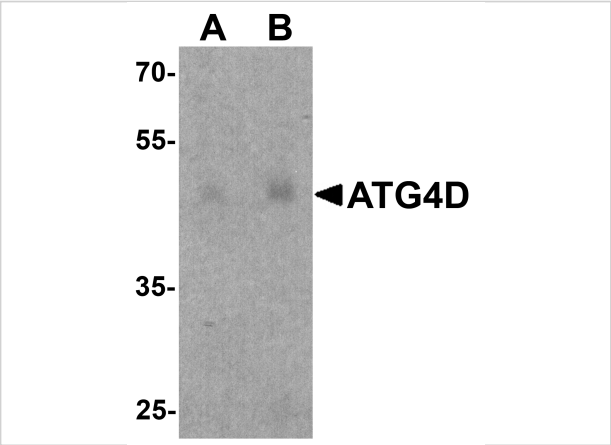**CATALOG NUMBER: 8075**

Specifications

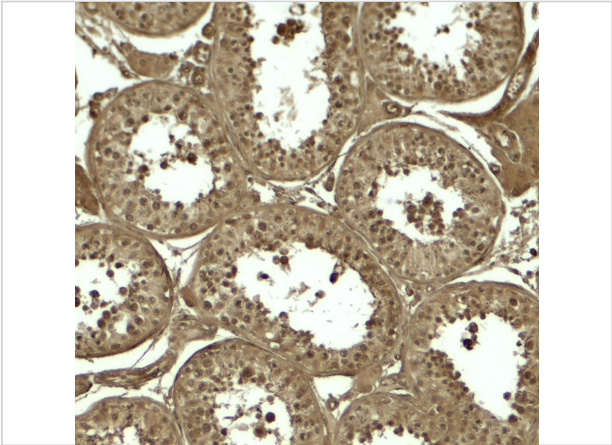|	
Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Immunogen	ATG4D antibody was raised against a 17 amino acid peptide near the amino terminus of human ATG4D. The immunogen is located within the first 50 amino acids of ATG4D.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	ATG4D antibody is human, mouse and rat reactive. At least two isoforms of ATG4D are known to exist; this antibody will detect only the larger isoform. ATG4D is predicted to not cross-react with other ATG4 proteins.
Predicted Molecular Weight	Predicted: 52 kDa Observed: 49 kDa

Properties

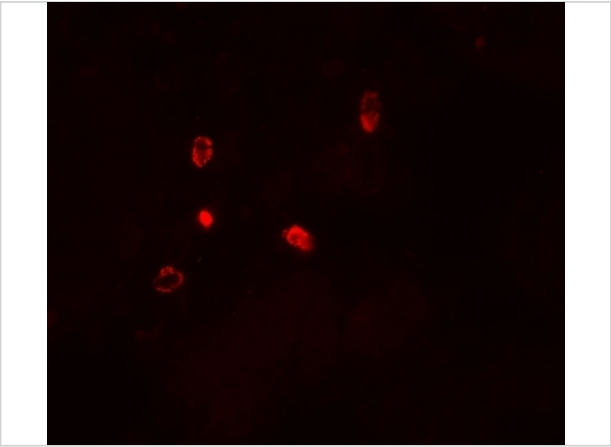|	
Purification	ATG4D antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	ATG4D antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	ATG4D antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

ATG4D Antibody 1

Western blot analysis of ATG4D in human testis tissue lysate with ATG4D antibody at (A) 1 and (B) 2 µg/ml.

ATG4D Antibody 2

Immunohistochemistry of ATG4D in human testis tissue with ATG4D antibody at 5 µg/ml.

ATG4D Antibody 3

Immunofluorescence of ATG4D in human testis tissue with ATG4D antibody at 20 µg/ml.

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.