

Anti-ATG7 Antibody

Catalog Number: A00346-3

About ATG7

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It performs a variety of oxidation reactions (e.g. caffeine 8-oxidation, omeprazole sulfoxidation, midazolam 1'-hydroxylation and midazolam 4-hydroxylation) of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. Acts as a 1,8-cineole 2-exo-monooxygenase. The enzyme also hydroxylates etoposide.

Vuoristo M.M., J. Biol. Chem. 270:22873-22881(1995).

Mungall A.J., Nature 425:805-811(2003).

Lui V.C., Genomics 32:401-412(1996).

Overview

Product Name	Anti-ATG7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATG7 Antibody catalog # A00346-3. Tested in IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O95352

Technical Details

Immunogen	Synthesized peptide derived from human CD4 around the phosphorylation site of S433.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: IHC: 1:50-1:200 ICC/IF: 1:50-1:200

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