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Datasheet for ABIN880681

anti-APEH antibody (AA 101-200) (AbBy Fluor® 647)

Overview

Quantity:	100 µL
Target:	APEH
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEH antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

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

Target Details

Target:	APEH
Alternative Name:	AARE (APEH Products)

Target Details

Background: Synonyms: AARE, ACPH, Acyl peptide hydrolase, Acylamino acid releasing enzyme, Acylaminoacyl peptidase, APEH, APH, D3F15S2, D3S48E, DNF15S2, N acylaminoacyl peptide hydrolase, OPH, Oxidized protein hydrolase, ACPH_HUMAN.

Background: AARE (Acylamino-acid-releasing enzyme) is also known as Acyl-peptide hydrolase. It catalyzes the hydrolysis of the terminal acetylated amino acid preferentially from small acetylated peptides. The acetyl amino acid formed by this hydrolase is further processed to acetate and a free amino acid by an aminoacylase. It can play an important role in destroying oxidatively damaged proteins in living cells. Deletions of this gene locus corresponding to the protein are found in various types of carcinomas, including small cell lung carcinoma and renal cell carcinoma.

Gene ID: 327

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months