

AARE Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58353**Specification****AARE Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P13798
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81225

AARE Polyclonal Antibody - Additional Information**Gene ID** 327**Other Names**

Acylamino-acid-releasing enzyme, AARE, 3.4.19.1, Acyl-peptide hydrolase, APH,
Acylaminoacyl-peptidase, Oxidized protein hydrolase, OPH, APEH, D3F15S2, D3S48E, DNF15S2

Dilution

WB~~1:1000<br \><span class
="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

AARE Polyclonal Antibody - Protein Information**Name** APEH**Synonyms** D3F15S2, D3S48E, DNF15S2**Function**

This enzyme catalyzes the hydrolysis of the N-terminal peptide bond of an N-acetylated peptide to generate an N-acetylated amino acid and a peptide with a free N-terminus (PubMed:10719179, PubMed:1740429, PubMed:2006156). It preferentially cleaves off Ac-Ala, Ac-Met and Ac-Ser (By similarity). Also, involved in the degradation of oxidized and glycated proteins (PubMed:<a href="http://www.uniprot.org/citations/10719179"

target="_blank">10719179).

Cellular Location

Cytoplasm.

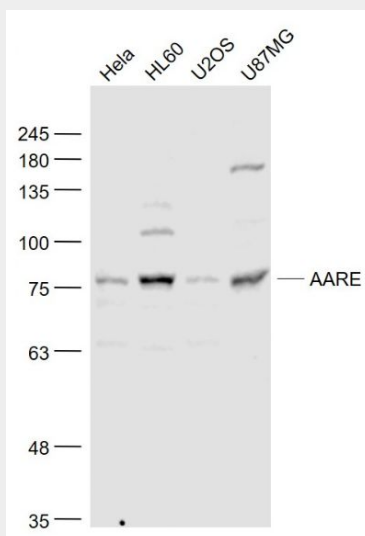
Tissue Location

Expressed in erythrocytes (at protein level).

AARE Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AARE Polyclonal Antibody - Images**Sample:**

HeLa(Human) Cell Lysate at 30 ug

HL60(Human) Cell Lysate at 30 ug

U2OS(Human) Cell Lysate at 30 ug

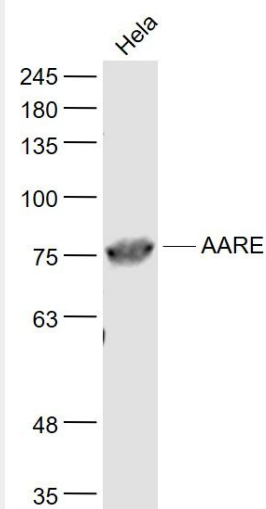
U87MG(Human) Cell Lysate at 30 ug

Primary: Anti- AARE (bs-5983R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 81 kD

Observed band size: 78 kD



Sample:

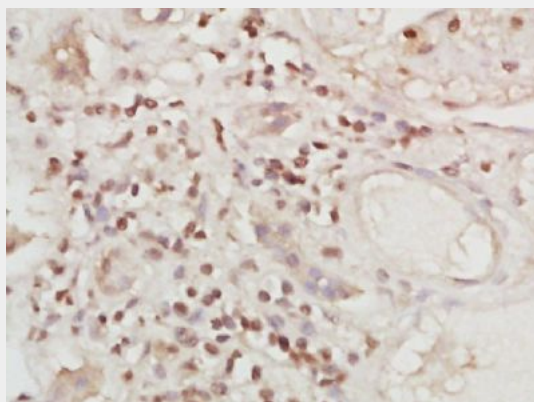
HeLa(Human) Cell Lysate at 30 ug

Primary: Anti- AARE (bs-5983R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 81 kD

Observed band size: 78 kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (AARE) Polyclonal Antibody, Unconjugated (bs-5983R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.