

Anti-HERPUD1 antibody ab155778

[1 References](#) [3 Images](#)

Overview

Product name	Anti-HERPUD1 antibody
Description	Rabbit polyclonal to HERPUD1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 9-251 of Human HERPUD1 (Q15011).
Positive control	293T and Mouse brain whole cell lysate; Human U251 xenograft tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab155778 in the following tested applications.

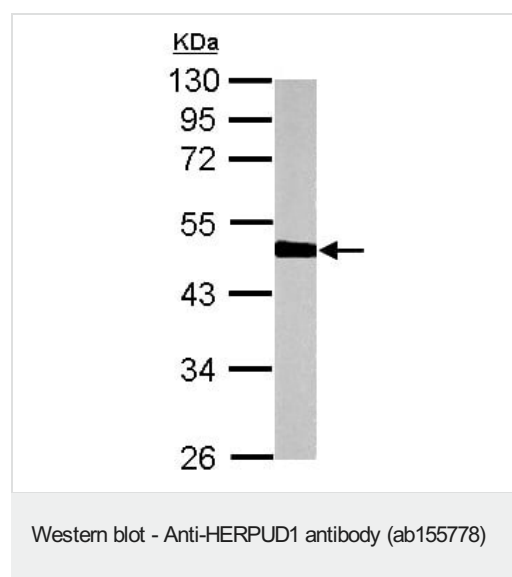
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 44 kDa.
IHC-P		1/100 - 1/1000.

Target

Function	Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins. Could enhance presenilin-mediated beta-amyloid protein 40 generation.
Tissue specificity	Widely expressed; in the brain, expression seems to be restricted to neurons and vascular smooth muscle cells. Present in activated microglia in senile plaques in the brain of patients with Alzheimer disease.
Sequence similarities	Contains 1 ubiquitin-like domain.
Cellular localization	Endoplasmic reticulum membrane.

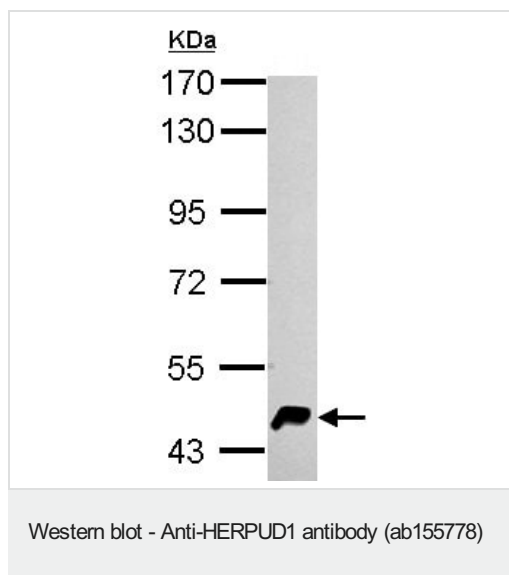
Images



Anti-HERPUD1 antibody (ab155778) at 1/1000 dilution + Mouse brain whole cell lysate at 50 µg

Predicted band size: 44 kDa

10% SDS PAGE



Anti-HERPUD1 antibody (ab155778) at 1/5000 dilution + 293T whole cell lysate at 30 µg

Predicted band size: 44 kDa

7.5% SDS PAGE



Immunohistochemical analysis of paraffin-embedded Human U251 xenograft tissue, labeling HERPUD1 with ab155778 at 1/500 dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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