

Product datasheet

Anti-HPD antibody ab98110

1 Image

Overview

Product name	Anti-HPD antibody
Description	Rabbit polyclonal to HPD
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 179-228 (EMIDHIVGNQ PDQEMVSASE WYLKNLQFHR FWSVDDTQVH TEYSSLRSV) of Human HPD (NP_002141). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Human Fetal Spleen Lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab98110** in the following tested applications.

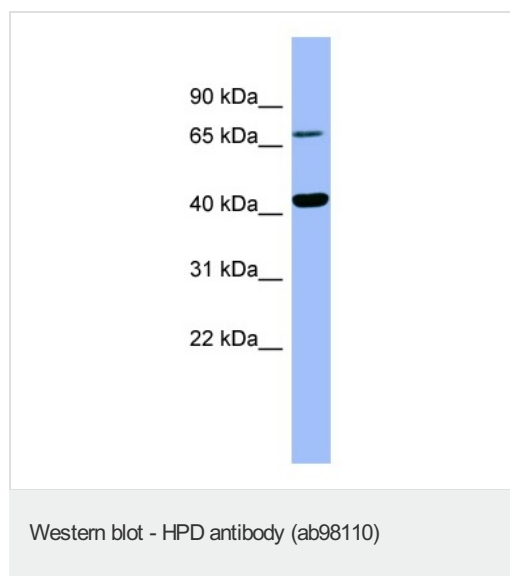
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 45 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Key enzyme in the degradation of tyrosine.
Pathway	Amino-acid degradation; L-phenylalanine degradation; acetoacetate and fumarate from L-phenylalanine: step 3/6.
Involvement in disease	Tyrosinemia 3 Hawkinsinuria
Sequence similarities	Belongs to the 4HPPD family.

Images



Anti-HPD antibody (ab98110) at 1 µg/ml (in 5% skim milk / PBS buffer) + Human Fetal Spleen Lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 45 kDa

Gel concentration: 12%

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