HGD Rabbit mAb

Catalog No.: A1400 Recombinant



Basic Information

Observed MW

50kDa

Calculated MW

50kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

CloneNo number

ARC2561

Background

This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on

your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 3081 Q93099

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

AKU; HGO; HGD

Contact

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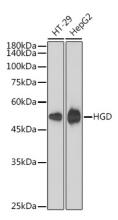
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using HGD Rabbit mAb (A1400) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.