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Produktinformation

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GALE (Human) IP-WB Antibody Pair

Catalog # : H00002582-PW1 **規格 :** [1 Set]

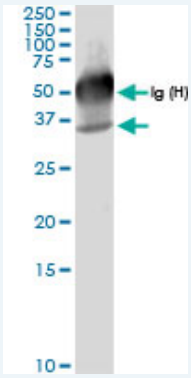
List All

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of GALE transfected lysate using rabbit polyclonal anti-GALE and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-GALE.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-GALE (300 ul)
2. Antibody pair for WB: rabbit polyclonal anti-GALE (50 ul)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS: Download

Applications

Immunoprecipitation-Western Blot

Protocol Download

Gene Information

Entrez GeneID: 2582

Gene Name: GALE

Gene Alias: FLJ95174,FLJ97302,SDR1E1

Gene Description: UDP-galactose-4-epimerase

Omim ID: 230350, 606953

Gene Ontology: Hyperlink

Application Image

Immunoprecipitation-Western Blot

Gene Summary: This gene encodes UDP-galactose-4-epimerase which catalyzes two distinct but analogous reactions: the epimerization of UDP-glucose to UDP-galactose, and the epimerization of UDP-N-acetylglucosamine to UDP-N-acetylgalactosamine. The bifunctional nature of the enzyme has the important metabolic consequence that mutant cells (or individuals) are dependent not only on exogenous galactose, but also on exogenous N-acetylgalactosamine as a necessary precursor for the synthesis of glycoproteins and glycolipids. Mutations in this gene result in epimerase-deficiency galactosemia, also referred to as galactosemia type 3, a disease characterized by liver damage, early-onset cataracts, deafness and mental retardation, with symptoms ranging from mild ('peripheral' form) to severe ('generalized' form). Multiple alternatively spliced transcripts encoding the same protein have been identified. [provided by RefSeq

Other Designations: OTTHUMP00000002991,OTTHUMP00000044857,UDP galactose-4'-epimerase,galactose-4-epimerase, UDP-,galactowaldenase,short chain dehydrogenase/reductase family 1E, member 1

Gene Pathway

Amino sugar and nucleotide sugar metabolism Galactose metabolism Metabolic pathways