

Rabbit anti-Human GALE Polyclonal Antibody | anti-GALE antibody

GALE Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA171905	Rabbit	Human	Immunohistochemistry, Western Blot

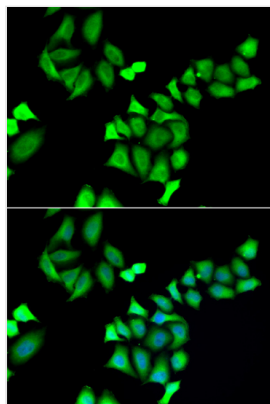
PRODUCT SYNONYMS

GALE ; Polyclonal Antibody; GALE Polyclonal Antibody; SDR1E1; anti-GALE antibody

PRODUCT SPECIFICATIONS

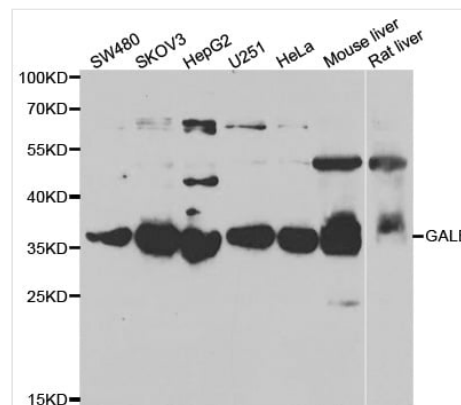
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Applicable Applications for anti-GALE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GALE
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160058 / sc-160060
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using GALE antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GALE antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GALE antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3087757
UniProt Accession #	O69253
Molecular Weight	Calculated MW: 38kDa
NCBI Official Full Name	galE
UniProt Protein Name	GalE protein
UniProt Gene Name	galE
UniProt Entry Name	O69253_BRUML

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gale-antibody-immunohistochemistry-western-blot-elisa/171905>