

Rabbit GALE Polyclonal Antibody | anti-GALE antibody

GALE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328660	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog	Western Blot

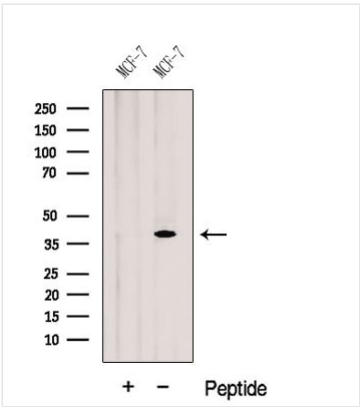
PRODUCT SYNONYMS

GALE; Polyclonal Antibody; GALE Antibody; FLJ95174; FLJ97302; Galactose 4 epimerase UDP; Galactowaldenase; galE; GALE_HUMAN; OTTHUMP00000002991; OTTHUMP00000002994; OTTHUMP00000037931; OTTHUMP00000044857; SDR1E1; short chain dehydrogenase/reductase family 1E member 1; UDP galactose 4 epimerase; UDP galactose 4' epimerase; UDP glucose 4 epimerase; UDP-galactose 4-epimerase; UDP-glucose 4-epimerase; anti-GALE antibody

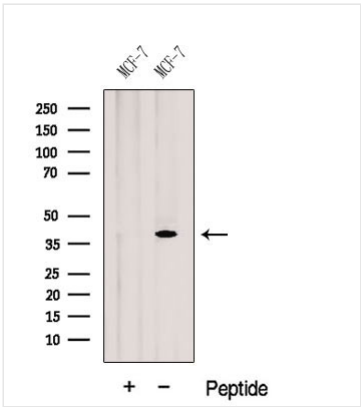
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	GALE Antibody detects endogenous levels of GALE.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	348
Applicable Applications for anti-GALE antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human GALE.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from MCF-7 cells, using GALE Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from various samples, using GALE Antibody. Lane 1: Hela treated with blocking peptide; Lane 2: Hela; Lane 3: HepG2; Lane 4: MCF7.

ADDITIONAL INFORMATION

Related Product Information for anti-GALE antibody	Description: Catalyzes two distinct but analogous reactions: the reversible epimerization of UDP-glucose to UDP-galactose and the reversible epimerization of UDP-N-acetylglucosamine to UDP-N-acetylgalactosamine. The reaction with UDP-Gal plays a critical role in the Leloir pathway of galactose catabolism in which galactose is converted to the glycolytic intermediate glucose 6-phosphate. It contributes to the catabolism of dietary galactose and enables the endogenous biosynthesis of both UDP-Gal and UDP-GalNAc when exogenous sources are limited. Both UDP-sugar interconversions are important in the synthesis of glycoproteins and glycolipids.
	Subunit Structure: Homodimer.
	Similarity: Belongs to the NAD(P)-dependent epimerase/dehydratase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56237023
NCBI GeneID	2582
NCBI Accession #	NP_000394.2
NCBI GenBank Nucleotide #	NP_000394.2
UniProt Accession #	Q14376
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
NCBI Official Full Name	UDP-glucose 4-epimerase
NCBI Official Synonym Full Names	UDP-galactose-4-epimerase
NCBI Official Symbol	GALE
NCBI Official Synonym Symbols	SDR1E1
NCBI Protein Information	UDP-glucose 4-epimerase
UniProt Protein Name	UDP-glucose 4-epimerase
UniProt Gene Name	GALE
UniProt Entry Name	GALE_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gale-antibody-western-blot-elisa/328660>