




Anti-Galactosidase alpha antibody ab28962

Overview

Product name	Anti-Galactosidase alpha antibody
Description	Chicken polyclonal to Galactosidase alpha
Host species	Chicken
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: DCQEEDSCI and FYEWTSRLRSHI, corresponding to amino acids 55-64 and 396-407 of Human Galactosidase alpha  Run BLAST with ExPASy  Run BLAST with NCBI  Run BLAST with EMBL

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Purity	Protein L purified
Clonality	Polyclonal
Isotype	IgY

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab28962 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
ELISA		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

Target

Involvement in disease	Defects in GLA are the cause of Fabry disease (FD) [MIM:301500]. FD is a rare X-linked sphingolipidosis disease where glycolipid accumulates in many tissues. The disease consists of an inborn error of glycosphingolipid catabolism. FD patients show systemic accumulation of globotriaosylceramide (Gb3) and related glycosphingolipids in the plasma and cellular lysosomes throughout the body. Clinical recognition in males results from characteristic skin lesions (angiokeratomas) over the lower trunk. Patients may show ocular deposits, febrile episodes, and burning pain in the extremities. Death results from renal failure, cardiac or cerebral complications of hypertension or other vascular disease. Heterozygous females may exhibit the disorder in an attenuated form, they are more likely to show corneal opacities.
Sequence similarities	Belongs to the glycosyl hydrolase 27 family.
Cellular localization	Lysosome.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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