

Product datasheet

Anti-Homocysteine antibody ab15154

★★★★★ 3 **Abreviews** 16 **References**

Overview

Product name	Anti-Homocysteine antibody
Description	Rabbit polyclonal to Homocysteine
Host species	Rabbit
Specificity	Compound Crossreactivity Ratio Homocysteine G BSA 1 Cysteine G BSA 1/423 Homocysteic acid G BSA 1/100,000
Tested applications	Suitable for: ELISA, IP, WB, Dot blot, IHC-P, IHC-FoFr
Species reactivity	Reacts with: Mouse, Human
	Predicted to work with: Mammals 
Immunogen	Other Immunogen Type corresponding to Homocysteine conjugated to bovine serum albumin (Glutaraldehyde).
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise** guarantee covers the use of ab15154 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.
IP	 (1)	Use at an assay dependent concentration.
WB	 (1)	Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.
IHC-P	 (1)	Use at an assay dependent concentration.
IHC-FoFr		Use at an assay dependent concentration. PubMed: 22419888

Target

Relevance

Homocysteine is a chemical compound with the formula HSCH₂CH₂CH(NH₂)CO₂H. It is a homologue of the naturally-occurring amino acid cysteine, differing in that its side-chain contains an additional methylene (-CH₂-) group before the thiol (-SH) group. Alternatively, Homocysteine can be derived from methionine by removing the latter's terminal C methyl group. Elevations of Homocysteine also occur in the rare hereditary disease homocystinuria and in methylene-tetrahydrofolate-reductase deficiency. The latter is quite common and usually goes unnoticed, although there are reports that thrombosis and cardiovascular disease occurs more often in people with elevated Homocysteine.

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
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors