



## Product datasheet

### Anti-XAGE1 antibody ab134805

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#### Overview

<b>Product name</b>	Anti-XAGE1 antibody
<b>Description</b>	Goat polyclonal to XAGE1
<b>Host species</b>	Goat
<b>Specificity</b>	This antibody is expected to recognise isoform d (NP_597673.1) only. Reported variants represent identical protein (NP_597673.1; NP_001091067.1; NP_001091074.1; NP_001091062.1; NP_001091065.1).
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide: C-GFGFRRQGEDNT (with a Cysteine residue linker), corresponding to C terminal amino acids 58-69 of Human XAGE1 Isoform D (NP_597673.1). <a href="#"> Run BLAST with</a> <a href="#"> Run BLAST with</a>
<b>Positive control</b>	IHC-P: Human Testis and Placenta tissue.
<b>General notes</b>	<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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal

Isotype IgG

Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab134805 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

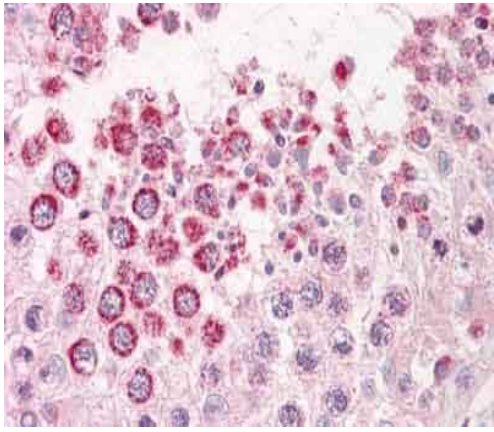
Application	Abreviews	Notes
IHC-P		Use a concentration of 3.75 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

**Tissue specificity** In normal tissues, highly expressed in testis. Expressed also in many different types of cancers: highly expressed in breast cancer, prostate cancer and many types of lung cancers, including squamous cell carcinoma, small cell carcinoma, non-small cell carcinoma, and adenocarcinoma, as well as in Ewing's cell lines, in some Ewing's sarcoma patient samples, and in one of one alveolar rhabdomyosarcoma patient sample.

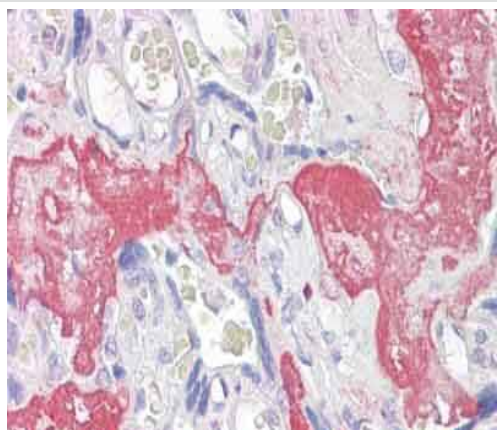
**Sequence similarities** Belongs to the GAGE family.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XAGE1 antibody (ab134805)

Immunohistochemistry analysis of Formalin fixed and Paraffin Embedded (IHC-P) Human Testis tissue labelling XAGE1 with ab134805 at 3.75 µg/ml.



Immunohistochemistry analysis of Formalin fixed and Paraffin Embedded (IHC-P) Human Placenta tissue labelling XAGE1 with ab134805 at 3.75 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XAGE1 antibody (ab134805)

**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

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- 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

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