



Anti-AUTS2 antibody [CL7067] ab243042

4 Images

Overview

Product name	Anti-AUTS2 antibody [CL7067]
Description	Mouse monoclonal [CL7067] to AUTS2
Host species	Mouse
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	<p>Synthetic peptide within Human AUTS2 aa 1050-250. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements.</p> <p>Database link: Q8WXX7</p> <div>  Run BLAST with  Run BLAST with </div>
Positive control	IHC-P: Mouse embryo E14 and cerebellum tissue. ICC/IF: U-251 MG cells.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), PBS</p>
Purity	Protein A purified
Purification notes	Purified from TCS.
Clonality	Monoclonal

Clone number	CL7067
Isotype	IgG1

Applications

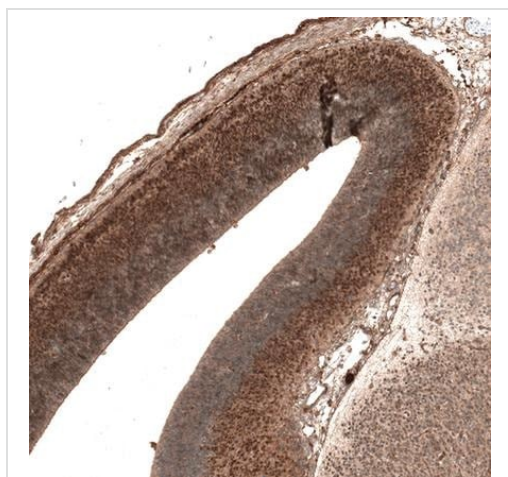
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab243042 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 2 - 10 µg/ml. Fixation/Permeabilization: PFA/Triton X-100
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

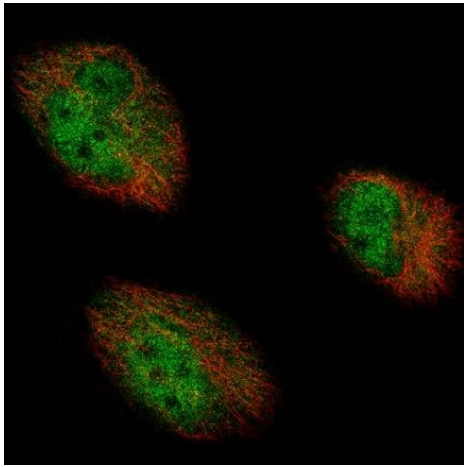
Tissue specificity	Strongly expressed in brain, skeletal muscle and kidney. Also expressed in placenta, lung and leukocytes.
Sequence similarities	Belongs to the AUTS2 family.

Images



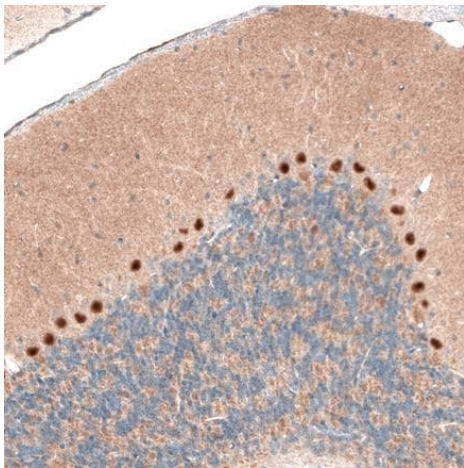
Paraffin-embedded mouse embryo E14 tissue stained for AUTS2 using ab243042 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AUTS2 antibody
[CL7067] (ab243042)



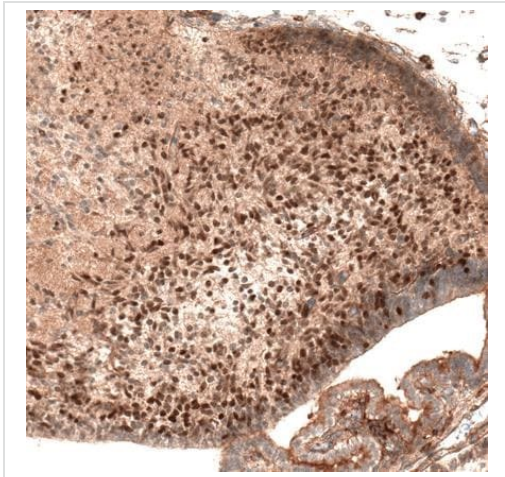
Immunocytochemistry/ Immunofluorescence - Anti-AUTS2 antibody [CL7067] (ab243042)

Paraffin-embedded, Triton X-100 permeabilized U-251 MG (human brain glioma cell line) cells labeling AUTS2 (green) using ab243042 at 10 µg/mL in ICC/IF analysis. Microtubules visualized in red.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AUTS2 antibody [CL7067] (ab243042)

Paraffin-embedded mouse cerebellum tissue stained for AUTS2 using ab243042 at 1/500 dilution in immunohistochemical analysis.



Paraffin-embedded mouse embryo E14 tissue stained for AUTS2 using ab243042 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AUTS2 antibody [CL7067] (ab243042)

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

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