


Product datasheet

Anti-ASB8 antibody ab227475

5 Images

Overview

Product name	Anti-ASB8 antibody
Description	Rabbit polyclonal to ASB8
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse, Cow, Rhesus monkey 
Immunogen	Recombinant fragment within Human ASB8 (internal sequence). The exact sequence is proprietary. Database link: Q9H765
Positive control	WB: IMR32 whole cell lysate. IHC-P: Human colon carcinoma tissue; U87 xenograft tissue; Rat skin tissue. ICC/IF: HeLa cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p>

Properties

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	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab227475** in the following tested applications.

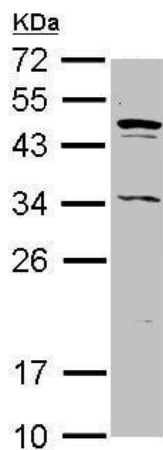
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/1000.
WB		1/500 - 1/3000. Predicted molecular weight: 32 kDa.
ICC/IF		1/100 - 1/1000.

Target

Function	May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.
Tissue specificity	Highest level of expression in skeletal muscle. Also expressed in heart, brain, placenta, liver, kidney and pancreas.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 4 ANK repeats. Contains 1 SOCS box domain.
Domain	The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin-protein ligase complexes.
Cellular localization	Cytoplasm.

Images

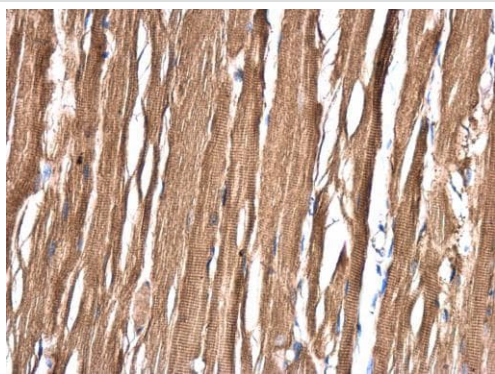


Western blot - Anti-ASB8 antibody (ab227475)

Anti-ASB8 antibody (ab227475) at 1/1000 dilution + IMR32 (human brain neuroblast cell line) whole cell lysate at 30 μ g

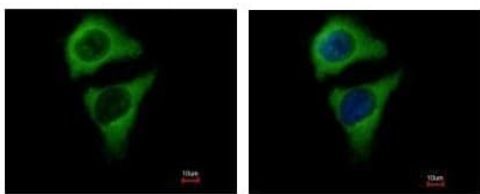
Predicted band size: 32 kDa

12% SDS-PAGE gel.



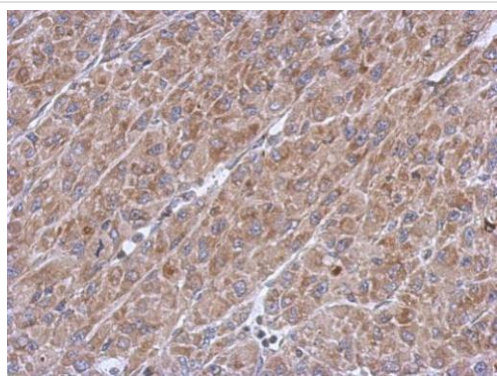
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASB8 antibody (ab227475)

Paraffin-embedded rat skin tissue stained for ASB8 using ab227475 at 1/500 dilution in immunohistochemical analysis



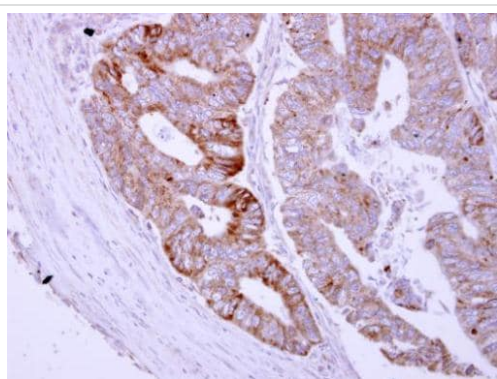
Immunocytochemistry/ Immunofluorescence - Anti-ASB8 antibody (ab227475)

Methanol-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for ASB8 (green) using ab227475 at 1/500 dilution in ICC/IF. Nuclear counterstain: Hoechst 33342 (blue).



Paraffin-embedded U87 xenograft tissue stained for ASB8 using ab227475 at 1/500 dilution in immunohistochemical analysis

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASB8 antibody (ab227475)



Paraffin-embedded human colon carcinoma tissue stained for ASB8 using ab227475 at 1/500 dilution in immunohistochemical analysis

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASB8 antibody (ab227475)

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

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