

Product datasheet

Anti-USP30 antibody [CL4438] ab219969

5 Images

Overview

Product name	Anti-USP30 antibody [CL4438]
Description	Mouse monoclonal [CL4438] to USP30
Host species	Mouse
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human USP30 aa 250-450. Database link: Q70CQ3
	Run BLAST with Run BLAST with
Epitope	Binds to an epitope located within the peptide sequence GHKPSQHNP as determined by overlapping synthetic peptides.
Positive control	Human testis, kidney, placenta and cerebellum tissues; USP30 over-expression lysate (co-expressed with myc-DDK tag, 3.1 KDa) in HEK293T 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	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
Purity	Protein A purified
Clonality	Monoclonal
Clone number	CL4438

Isotype

IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab219969 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		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/500 - 1/1000. Predicted molecular weight: 59 kDa.

Target

Function

May participate in the maintenance of mitochondrial morphology.

Tissue specificity

Expressed in skeletal muscle, pancreas, liver and kidney.

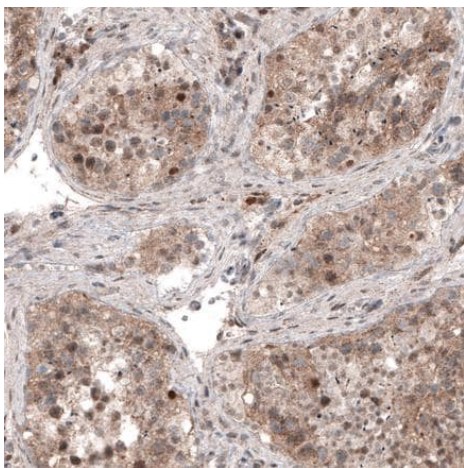
Sequence similarities

Belongs to the peptidase C19 family.

Cellular localization

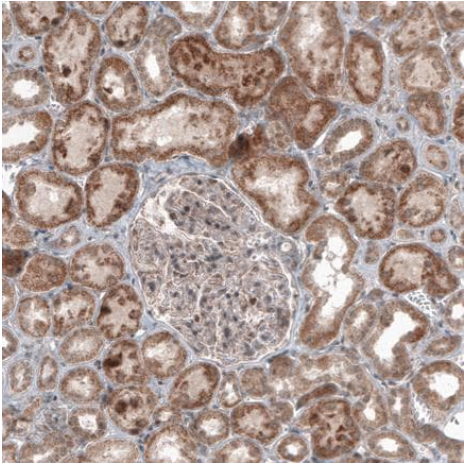
Mitochondrion outer membrane.

Images



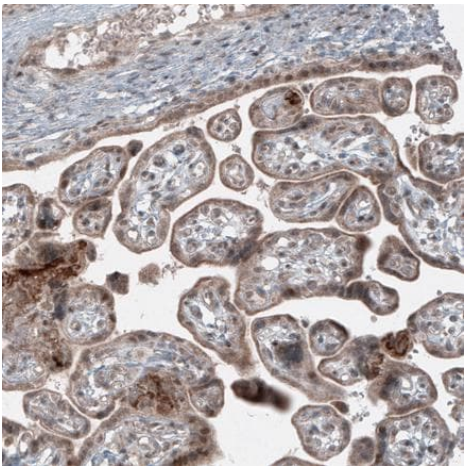
Immunohistochemical analysis of paraffin-embedded human testis tissue labeling USP30 with ab219969 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP30 antibody [CL4438] (ab219969)



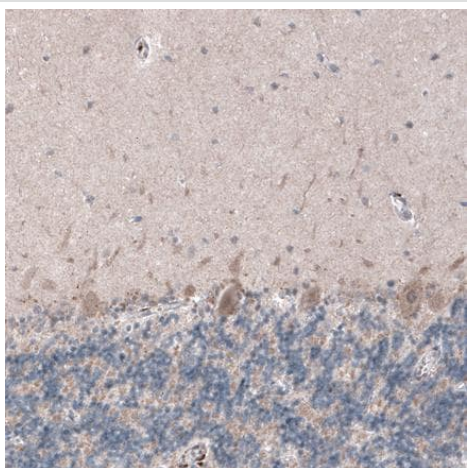
Immunohistochemical analysis of paraffin-embedded human kidney tissue labeling USP30 with ab219969 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP30 antibody [CL4438] (ab219969)



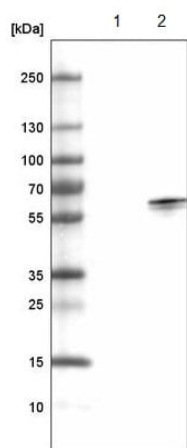
Immunohistochemical analysis of paraffin-embedded human placenta tissue labeling USP30 with ab219969 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP30 antibody [CL4438] (ab219969)



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue labeling USP30 with ab219969 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-USP30 antibody [CL4438] (ab219969)



All lanes : Anti-USP30 antibody [CL4438] (ab219969) at 1/200 dilution

Lane 1 : Control

Lane 2 : USP30 over-expression lysate (co-expressed with myc-DDK tag, 3.1 KDa) in HEK293T cells

Predicted band size: 59 kDa

Western blot - Anti-USP30 antibody [CL4438] (ab219969)

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

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