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Datasheet for ABIN652521

## anti-Anoctamin 5 antibody (C-Term)

3 Images

1 Publication

### Overview

Quantity:	400 µL
Target:	Anoctamin 5 (ANO5)
Binding Specificity:	AA 792-819, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Anoctamin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This ANO5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 792-819 amino acids from the C-terminal region of human ANO5.
Clone:	RB22028
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	Anoctamin 5 (ANO5)
Alternative Name:	ANO5 ( <a href="#">ANO5 Products</a> )
Background:	ANO5 is a member of the anoctamin family of transmembrane proteins. This protein is likely a

## Target Details

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calcium activated chloride channel.

Molecular Weight: 107188

Gene ID: 203859

NCBI Accession: [NP\\_001136121](#), [NP\\_998764](#)

UniProt: [Q75V66](#)

## Application Details

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Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

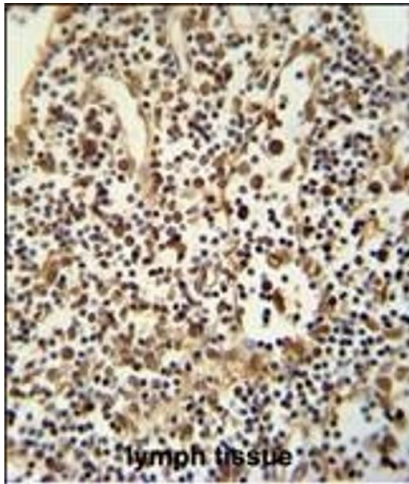
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

## Publications

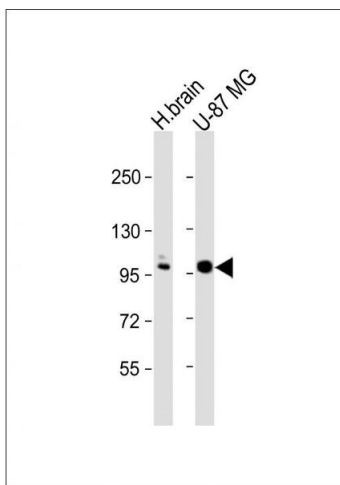
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Product cited in: Gehrke, Wörns, Huber, Hess, Straub, Hövelmeyer, Waisman, Kim, Schuppan, Galle, Schattenberg : "Hepatic B cell leukemia-3 promotes hepatic steatosis and inflammation through insulin-sensitive metabolic transcription factors." in: **Journal of hepatology**, Vol. 65, Issue 6, pp. 1188-1197, (2018) ([PubMed](#)).



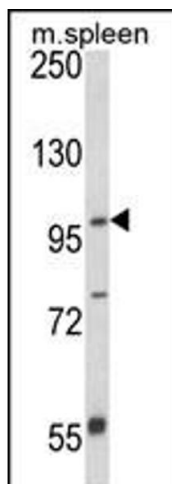
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** ANO5 Antibody (C-term) (ABIN652521 and ABIN2842350) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ANO5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** All lanes : Anti-ANO5 Antibody (C-term) at 1:1000 dilution Lane 1: human brain lysate Lane 2: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 107 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



### Western Blotting

**Image 3.** Western blot analysis of ANO5 Antibody (C-term) (ABIN652521 and ABIN2842350) in mouse spleen tissue lysates (35 µg/lane). ANO5 (arrow) was detected using the purified Pab.