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Datasheet for ABIN6265212

## anti-SNX17 antibody (N-Term)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	SNX17
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human SNX17, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	SNX17 Antibody detects endogenous levels of total SNX17.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	SNX17
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## Target Details

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Alternative Name: SNX17 ([SNX17 Products](#))

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Background: Description: Critical regulator of endosomal recycling of numerous receptors, channels, and other transmembrane proteins. Binds to NPxY sequences in the cytoplasmic tails of target cargos. Plays a role in the sorting of endocytosed LRP1 and APP, and prevents their degradation. Required for maintenance of normal cell surface levels of APP and LRP1. Recycles internalized integrins ITGB1, ITGB5 and their associated alpha subunits, preventing them from lysosomal degradation. Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)).

Gene: SNX17

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Molecular Weight: 50 kDa

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Gene ID: 9784

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UniProt: [Q15036](#)

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## Application Details

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Application Notes: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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

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Storage: -20 °C

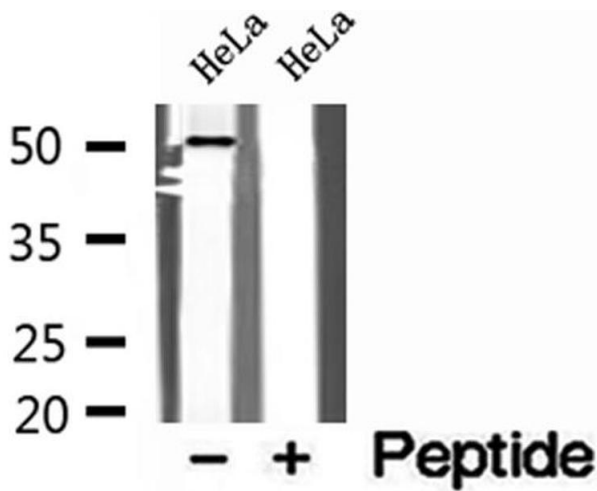
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Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

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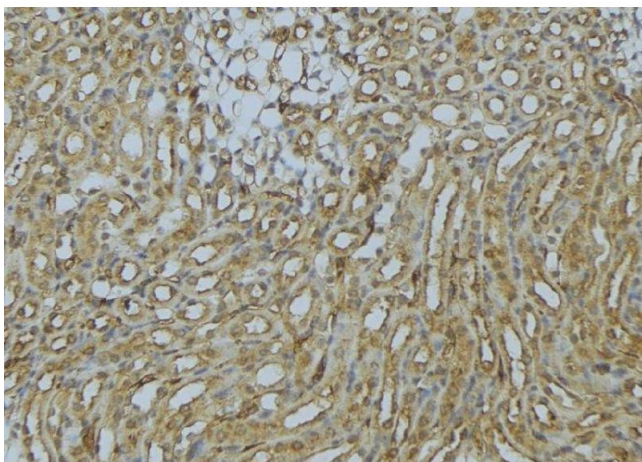
Expiry Date: 12 months

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### Western Blotting

**Image 1.** Western blot analysis of extracts of HeLa cells, using SNX17 antibody.



### Immunohistochemistry

**Image 2.** ABIN6273016 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary