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Datasheet for ABIN744250  
**anti-NEDD4-2 antibody (pSer342) (Biotin)**

### Overview

Quantity:	100 µL
Target:	NEDD4-2 (NEDD4L)
Binding Specificity:	pSer342
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEDD4-2 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human NEDD4L around the phosphorylation site of Ser342
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	NEDD4-2 (NEDD4L)
Alternative Name:	NEDD4L ( <a href="#">NEDD4L Products</a> )

## Target Details

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**Background:** Synonyms: E3 ubiquitin protein ligase NEDD4 like protein, E3 ubiquitin-protein ligase NEDD4-like, E3 ubiquitin-protein ligase NEDD4-like protein, KIAA0439, NED4L\_HUMAN, NEDD4 2, NEDD4 2c, NEDD4-2, NEDD4-2a, NEDD4.2, NEDD4b, NEDD4L, NEDD4La, NEDD4Lb, NEDD4Lc, NEDD4Ld, NEDD4Le, NEDD4Lf, NEDD4Lg, NEDD4Lh, NEDL3, Neural precursor cell expressed developmentally down regulated 4 like E3 ubiquitin protein ligase, Neural precursor cell expressed, developmentally down regulated 4 like, RSP5, Ubiquitin protein ligase Rsp5.

**Background:** E3 ubiquitin-protein ligase accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. This protein inhibits TGF-beta signaling by triggering SMAD2 and TGFR1 ubiquitination and proteasome-dependent degradation. Furthermore, it promotes ubiquitination and internalization of various plasma membrane channels such as ENaC, Nav1.2, Nav1.3, Nav1.5, Nav1.7, Nav1.8, Kv1.3, EAAT1 or CLC5, and promotes the ubiquitination and degradation of SGK.

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**Gene ID:** 23327

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**Pathways:** [Negative Regulation of Transporter Activity](#)

## Application Details

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**Application Notes:** IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: 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 for 12 months.

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## Handling

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Expiry Date: 12 months