

# Product Datasheet

## TIP120A Antibody NBP1-78047

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-78047****TIP120A Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	Serum
<b>Purity</b>	Sterile filtered
<b>Buffer</b>	Antiserum

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	55832
<b>Gene Symbol</b>	CAND1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross reactivity with TIP120A from other sources has not been tested.
<b>Specificity/Sensitivity</b>	This product reacts with human, rat and mouse CAND1/TIP120A. Cross reactivity does occur with human, rat and mouse CAND2/TIP120B.
<b>Immunogen</b>	This antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 11-24 of Human CAND1/TIP120A (N-terminal) coupled to KLH.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, ELISA 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	The antibody immunoprecipitates in vitro translated protein and protein from cell lysates . Coimmunoprecipitation of related proteins has not been tested. A 136.4 kDa band corresponding - human CAND1 is detected. Most cell lines expressing CAND1 can be used as a positive control. Researchers should determine optimal titers for other applications.

**Publications**

Cheng Y, Dai X, Zhao Y et al. AtCAND1, a HEAT-repeat protein that participates in auxin signaling in Arabidopsis. Plant Physiol 2004-06-01 [PMID: 15181201]

Feng S, Shen Y, Sullivan JA et al. Arabidopsis CAND1, an unmodified CUL1-interacting protein, is involved in multiple developmental pathways controlled by ubiquitin/proteasome-mediated protein Degradation. Plant Cell 2004-07-01 [PMID: 15208391]

Liu J, Furukawa M, Matsumoto T et al. NEDD8 modification of CUL1 dissociates p120(CAND1), an inhibitor of CUL1-SKP1 binding and SCF ligases. Mol Cell 2002-12-01 [PMID: 12504025]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

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