

# Furin antibody

**Cat. No. GTX23467**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IP, IHC, Neutralizing/Inhibition
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Hamster, Pig, Monkey

**Package**  
100 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2,000
ICC/IF	2 µg/mL
IP	1:100
IHC	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

**Calculated MW** 87 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA
<b>Preservative</b>	0.05% sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide: RGERTAFIKDQSAL, corresponding to amino acids 780-793 of Human Furin Convertase.
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated

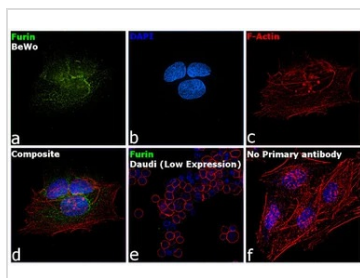


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**Note**

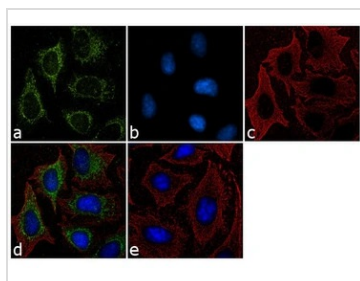
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**DATA IMAGES**

**GTx23467 ICC/IF Image**

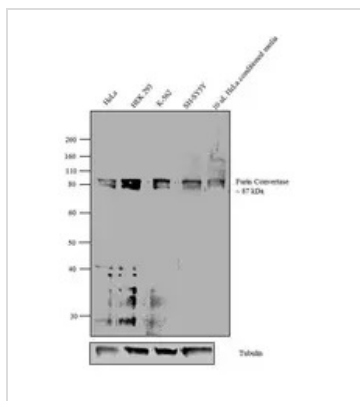
ICC/IF analysis of 4% paraformaldehyde-fixed BeWo cells using GTx23467 Furin antibody. Panel d represents the merged image showing predominantly Golgi Complex and cytoplasmic localization. Panel e represents Daudi cells with lower expression of Furin (DOI: 10.1099/0022-1317-75-10-2821). Panel f represents control cells with no primary antibody to assess the background.

Permeabilization : 0.1% Triton™ X-100 for 15 minutes

Dilution : 2 µg/mL in 0.1% BSA, incubated at 4°C overnight


**GTx23467 ICC/IF Image**

ICC/IF analysis of methanol-fixed HeLa cells using GTx23467 Furin antibody. Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.


**GTx23467 WB Image**

WB analysis of various sample lysates using GTx23467 Furin antibody.

Dilution : 1:500

Loading : 30µg



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