

## Phospho-WIP12 (Ser413) Rabbit Polyclonal Antibody

### Catalog #: EAB13183

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	49	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**WB**(Western Blotting) 1:500-2000

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	Phospho-WIP12 (Ser413) Rabbit Polyclonal Antibody detects endogenous levels of WIP12 protein only when phosphorylated at Ser413.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
<b>UniProt ID</b>	<a href="#">Q9Y4P8</a>
<b>Entrez-Gene ID</b>	<a href="#">26100</a>

### Product Description

WIP12, also known as ATG18B or ATG21, is a human homolog to yeast ATG18 and contains three WD repeats and has a 7-bladed propeller structure with a conserved motif that facilitates its interaction with other proteins. It is recruited to early autophagosomal structures along with Atg16L and ULK1 and is required for the formation of LC3-positive autophagosomes. Along with the highly related WIP11, WIP12 is found at the plasma membrane in addition to autophagosomal membranes.

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