

## Product datasheet

# Anti-AP3 antibody ab3705

1 Image

### Overview

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<b>Product name</b>	Anti-AP3 antibody
<b>Description</b>	Goat polyclonal to AP3
<b>Host species</b>	Goat
<b>Specificity</b>	Recognises a strong band at 130kD representing AP3. Also detects a band at about 80kD probably representing non-specific binding.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide: SPSPQKRYQDTPGC , corresponding to amino acids 686-698 of Human AP3.

 [Run BLAST with](#)

 [Run BLAST with](#)

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Sodium Azide Constituents: 0.15M Sodium Chloride, 0.02M Potassium Phosphate. pH 7.2
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab3705** in the following tested applications.

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

Application	Abreviews	Notes
WB		1/500. Detects a band of approximately 130 kDa (predicted molecular weight: 130 kDa).

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## Target

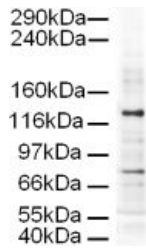
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<b>Function</b>	Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes.
<b>Tissue specificity</b>	Present in all adult tissues examined with the highest levels in skeletal muscle, heart, pancreas and testis.
<b>Sequence similarities</b>	Belongs to the adaptor complexes large subunit family. Contains 11 HEAT repeats.
<b>Cellular localization</b>	Cytoplasm. Golgi apparatus membrane.

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## Images

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290kDa—  
240kDa—  
  
160kDa—  
116kDa—  
97kDa—  
66kDa—  
55kDa—  
40kDa—

Western blot - AP3 antibody (ab3705)

Western blot using ab3705 on HeLa whole cell extract at 1/500.

Secondary ab: Rabbit polyclonal to Goat IgG (HRP)

[ab6741](#) (1/5000)

Exposure time: 30 seconds.

Lysate at 20µg/lane.

Predicted molecular weight:130 kDa. The band at about 80kD probably represents non-specific binding.

Western blot using ab3705 on HeLa whole cell extract at 1/500.

Secondary ab: Rabbit polyclonal to Goat IgG (HRP) [ab6741](#) (1/5000)

Exposure time: 30 seconds.

Lysate at 20µg/lane.

Predicted molecular weight:130 kDa. The band at about 80kD probably represents non-specific binding.

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