

## Product datasheet

# Anti-Pr55Gag antibody ab37700

### Overview

<b>Product name</b>	Anti-Pr55Gag antibody
<b>Description</b>	Chicken polyclonal to Pr55Gag
<b>Host species</b>	Chicken
<b>Specificity</b>	This antibody is specific for Pr55Gag.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	HIV1
<b>Immunogen</b>	Full length protein, corresponding to amino acids 1-52 of Pr55Gag (HIV1).

### Properties

<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 long term.
<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgY

### Applications

Our [Abpromise guarantee](#) covers the use of **ab37700** 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		Use at an assay dependent dilution. Predicted molecular weight: 56 kDa.

### Target

**Relevance** HIV1 lineages are divided in three main groups, M (for Major), O (for Outlier), and N (for New, or

Non-M, Non-O). The vast majority of strains found worldwide belong to the group M. Gag proteins are synthesized on both gag and gag-pol polyproteins. Matrix protein p17 targets Gag and Gag-Pol polyproteins to the plasma membrane via a multipartite membrane binding signal, that includes its myristoylated N terminus. Also mediates nuclear localization of the preintegration complex. Implicated in the release from host cell mediated by Vpu.

#### **Cellular localization**

Cytoplasmic and Nuclear

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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