

Product datasheet

Anti-Pr55Gag antibody ab37700

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	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
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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

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