

Product Datasheet

p35 baculovirus Antibody NB100-56153

Unit Size: 0.05 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB100-56153

p35 baculovirus Antibody

Product Information

Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Neat whole antisera
Target Molecular Weight	34 kDa

Product Description

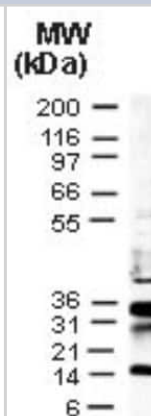
Host	Rabbit
Species	Drosophila, Silkworm, Virus
Reactivity Notes	Multiple species cross reactivity. Silkworm reactivity reported in scientific literature (PMID: 24486953). Drosophila reactivity reported in scientific literature (PMID: 30413561). Not yet tested in other species.
Immunogen	Full-length recombinant p35 baculovirus protein was used as immunogen.

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Immunocytochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 21514385), Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000, Immunohistochemistry-Frozen Assay Dependent, Immunocytochemistry
Application Notes	p35 baculovirus may be observed as one or multiple bands on western blot: p35 baculovirus is cleaved during its reaction with caspases. This results in cleavage of p35; 10 and 25 kDa fragments have been described. Additional breakdown p35 products may also result.

Images

Western Blot: p35 baculovirus Antibody [NB100-56153] - Analysis of in vitro translated p35 baculovirus protein using this antibody. Full-length p35 is detected at ~35 kDa, lower molecular p35 breakdown/cleavage bands are also detected.



Publications

Arthurton L, Nahotko DA, Alonso J et al. Non-apoptotic caspase activation preserves *Drosophila* intestinal progenitor cells in quiescence EMBO Rep 2020-11-01 [PMID: 33135280] (IHC-Fr, *Drosophila*)

Details:

Immunohistochemical analysis of intestines of *Drosophila* injected with Dronc-KO plasmids.

Shen J The transcription factor spalt and human homologue SALL4 induce cell invasion via the dMyc-JNK pathway in *Drosophila* Biol Open 2020-02-25 [PMID: 32098783] (Virus)

Arthurton L, Nahotko DA, Alonso J, Baena-Lopez LA Non-apoptotic caspase-dependent regulation of enteroblast quiescence in *Drosophila* BioRxiv (IF/IHC, *Drosophila*)

Baena-Lopez LA, Arthurton L, Bischoff M et al. Novel initiator caspase reporters uncover unknown features of caspase-activating cells. Development 2018-11-09 [PMID: 30413561] (IF/IHC, *Drosophila*)

Clemente-Ruiz M, Murillo-Maldonado JM, Benhra N et al. Gene Dosage Imbalance Contributes to Chromosomal Instability-Induced Tumorigenesis Dev. Cell 2016-02-08 [PMID: 26859353] (IF/IHC)

Groth Casper, Sasamura Takeshi, Khanna Mansi R et al. Protein trafficking abnormalities in *Drosophila* tissues with impaired activity of the ZIP7 zinc transporter Catsup. Development. 2013-07-01 [PMID: 23785054]

Zhang J, He Q, Zhang CD et al. Inhibition of BmNPV replication in silkworm cells using inducible and regulated artificial microRNA precursors targeting the essential viral gene lef-11. Antiviral Res. 2014-04-01 [PMID: 24486953] (WB, Silkworm)

Details:

BmN-SWU1 silkworm cells, Fig 4C.

Dekanty A, Barrio L, Milan M. Contributions of DNA repair, cell cycle checkpoints and cell death to suppressing the DNA damage-induced tumorigenic behavior of *Drosophila* epithelial cells. Oncogene 2014-03-17 [PMID: 24632609] (IHC-P, Virus)

Details:

p35 transgenic *drosophila*. The specificity of the p35 antibody was validated in p35 transgenic *drosophila* by IHC (P). Baculovirus.

Podratz JL, Staff NP, Froemel D et al. *Drosophila melanogaster*: a new model to study cisplatin-induced neurotoxicity. Neurobiol Dis. 2011-08-01 [PMID: 21514385] (ICC)

Details:

ICC (brains from *Drosophila* bred to express recombinant baculoviral p35 and WT *Drosophila* brains), Fig 5B-C. Flies were fixed with a formaldehyde-octane fixative, see publication for details. Note: The specificity of the IMG-5740 p35 antibody was validate

Tian J, Zhang X, Liang B et al. Expression of baculovirus anti-apoptotic genes p35 and op-iap in cotton (*Gossypium hirsutum* L.) enhances tolerance to verticillium wilt. PLoS One. 2010-12-03 [PMID: 21151969] (WB)

Details:

WB (leaves from cotton bred to express recombinant baculoviral p35 and WT cotton leaves), Fig A. Flies were fixed with a formaldehyde-octane fixative, see publication for details. Note: The specificity of the IMG-5740 p35 antibody was validated by WB in c





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Products Related to NB100-56153

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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