

# Product Datasheet

## LEDGF Antibody - BSA Free NB110-40560

Unit Size: 100 ul

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB110-40560**

LEDGF Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

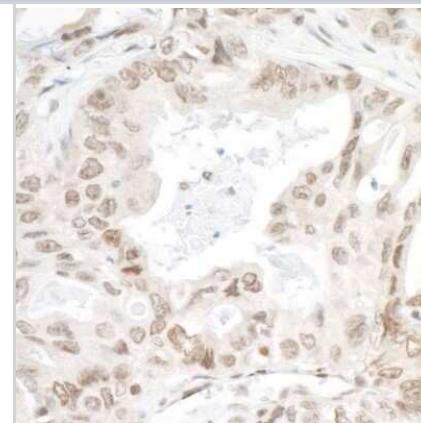
<b>Host</b>	Rabbit
<b>Gene ID</b>	11168
<b>Gene Symbol</b>	PSIP1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Cat (100%).
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 225 and 275 of human Lens Epithelium Derived Growth Factor/Transcriptional Coactivator p75 using the numbering given in entry NP_150091.2 (GeneID 11168).

**Product Application Details**

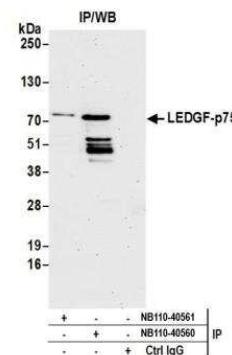
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot (Negative)
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500- 1:2000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin, Western Blot (Negative)
<b>Application Notes</b>	For western blot, use rabbit anti-LEDGF Antibody NB110-40561. Immunohistochemistry 1:500 to 1:2,000. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

## Images

Immunohistochemistry-Paraffin: LEDGF Antibody [NB110-40560] - Detection of human LEDGF/p75 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-LEDGF/p75 antibody (NB110-40560). Secondary: HRP-conjugated goat anti-rabbit IgG.



Immunoprecipitation: LEDGF Antibody [NB110-40560] - Detection of human LEDGF by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-LEDGF antibody NB110-40560 used for IP at 3 ug per reaction. LEDGF was also immunoprecipitated by rabbit anti-LEDGF antibody NB110-40561. For blotting immunoprecipitated LEDGF, NB110-40560 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



## Publications

Basu A, Rojas H, Banerjee H et al. Expression of the stress response oncoprotein LEDGF/p75 in human cancer: a study of 21 tumor types. *PLoS One*. 2012-01-01 [PMID: 22276150]

### Details:

Tissue Microarrays cited for analysis of LEDGF/p75 protein expression (Tables 1, 3, 4; Figs 3, 4): IMH-303: Prostate cancer IMH-326: Common cancers (A) IMH-327: Common cancers (B) IMH-328: Common cancers (C) IMH-336: Matched normal adjacent of IMH-326 IMH-337: Matched normal adjacent of IMH-327 IMH-338: Matched normal adjacent of IMH-328

Hendrix J, Gijsbers R, De Rijck J et al. The transcriptional co-activator LEDGF/p75 displays a dynamic scan-and-lock mechanism for chromatin tethering. *Nucleic Acids Res* 2011-03-01 [PMID: 20974633]

Bartholomeeusen K, Christ F, Hendrix J et al. Lens epithelium-derived growth factor/p75 interacts with the transposase-derived DDE domain of PogZ. *J Biol Chem* 2009-04-01 [PMID: 19244240]

Shun MC, Botbol Y, Li X et al. Identification and characterization of PWWP domain residues critical for LEDGF/p75 chromatin binding and human immunodeficiency virus type 1 infectivity. *J Virol* 2008-12-01 [PMID: 18799576]

Shun MC, Raghavendra NK, Vandegraaff N et al. LEDGF/p75 functions downstream from preintegration complex formation to effect gene-specific HIV-1 integration. *Genes Dev*. 2007-07-15 [PMID: 17639082]



## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NB110-40560

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87885PEP	LEDGF Recombinant Protein Antigen

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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