

# Product Datasheet

## p66 alpha Antibody - BSA Free

### NBP1-87359

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NBP1-87359**

p66 alpha Antibody - BSA Free

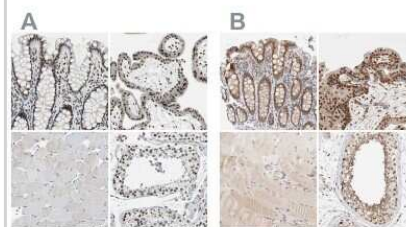
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	68 kDa

Product Description	
Host	Rabbit
Gene ID	54815
Gene Symbol	GATAD2A
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25190814).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRKLAFRSGEARDWSNGAVLQASSQLSRGSATTGPRGVLTHTFSPSPKLQNSAS ATALVSRTGRHSERTVSAGKGSATSNWKKTPLSTGGTLAFVSPSLAVHKSSSA VDRQREYLLDMIPPRSIP

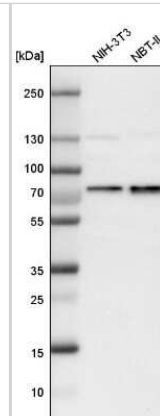
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	IP, WB reported in scientific literature (PMID: 25190814). Use in CHIP reported in scientific literature (PMID:31934863). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100

**Images**

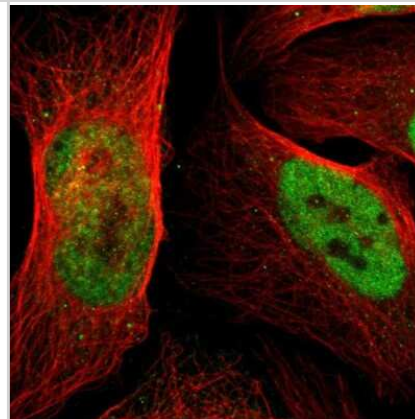
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87359] - Staining of human colon, placenta, skeletal muscle and testis using Anti-p66 alpha antibody NBP1-87359 (A) shows similar protein distribution across tissues to independent antibody NBP1-87360 (B).



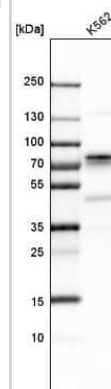
Western Blot: p66 alpha Antibody [NBP1-87359] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



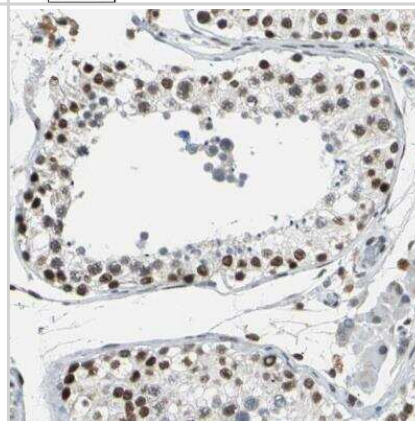
Immunocytochemistry/Immunofluorescence: p66 alpha Antibody [NBP1-87359] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



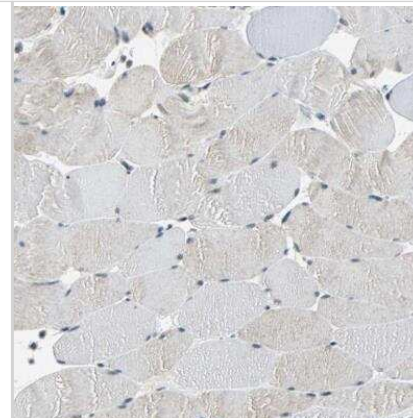
Western Blot: p66 alpha Antibody [NBP1-87359] - Analysis in human cell line K562.



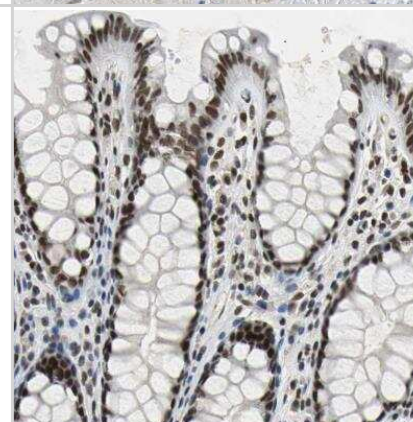
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87359] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



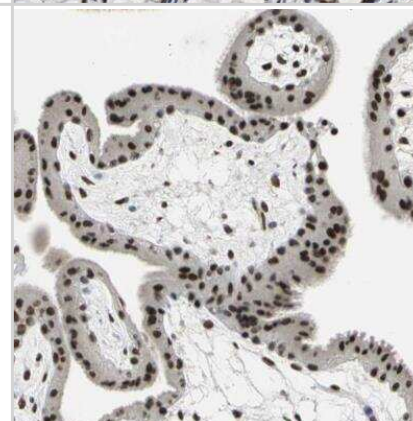
Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87359] - Staining of human skeletal muscle shows very weak positivity in myocytes as expected.



Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87359] - Staining of human colon shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: p66 alpha Antibody [NBP1-87359] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



## Publications

Porreca RM, Herrera-Moyano E, Skourti E et al. TRF1 averts chromatin remodelling, recombination and replication dependent-break induced replication at mouse telomeres Elife 2020-01-14 [PMID: 31934863] (Chemotaxis, Mouse)

Nishibuchi G, Shibata Y, Hayakawa T et al. Physical and functional interactions between the histone H3K4 demethylase KDM5A and the nucleosome remodeling and deacetylase (NuRD) complex. J Biol Chem 2014-09-04 [PMID: 25190814] (IP, WB, Human)



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### **Products Related to NBP1-87359**

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NBP1-87359PEP	p66 alpha Recombinant Protein Antigen
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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### **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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