

# Product Datasheet

## Lactalbumin Alpha Antibody - BSA Free NBP2-56836

Unit Size: 100 ul

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

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**NBP2-56836**

Lactalbumin Alpha Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

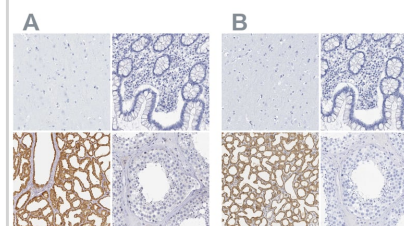
<b>Host</b>	Rabbit
<b>Gene ID</b>	3906
<b>Gene Symbol</b>	LALBA
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: KCELSQLLKDIDGYGGIALPELICTMFHTSGYDTQAIVENNESTEYGLFQISNKL WCKSS

**Product Application Details**

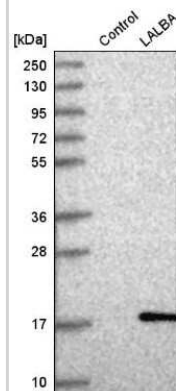
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

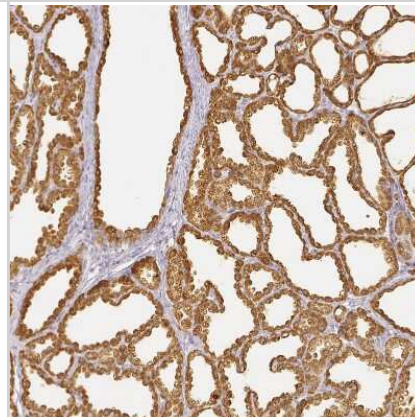
Staining of human cerebral cortex, colon, lactating breast and testis using NBP2-56836 (A) shows similar protein distribution across tissues to independent antibody NBP1-87715 (B).



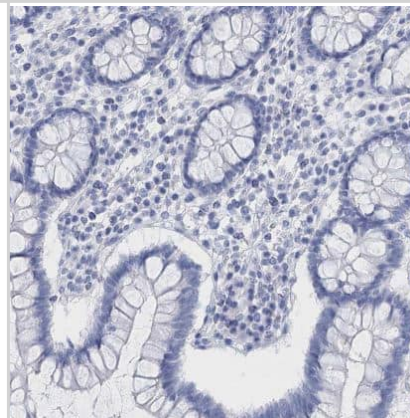
Western Blot: Lactalbumin Alpha Antibody [NBP2-56836] - Western blot analysis in control (vector only transfected HEK293T lysate) and LALBA over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



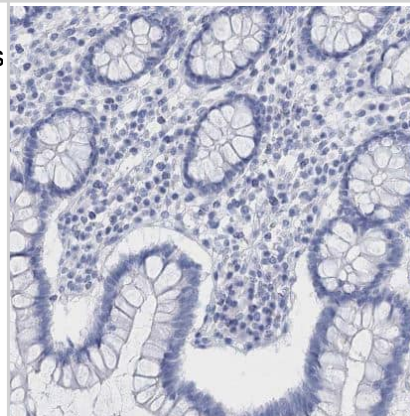
Immunohistochemistry-Paraffin: Lactalbumin Alpha Antibody [NBP2-56836] - Staining of human lactating breast shows moderate cytoplasmic positivity in glandular cells.



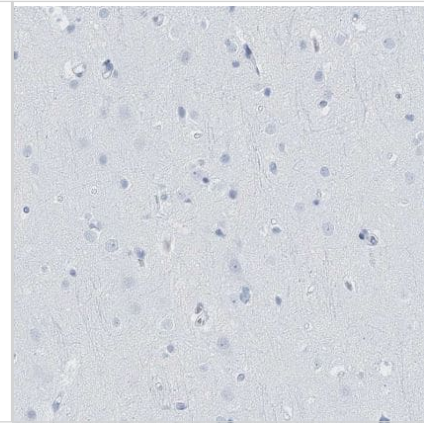
Immunohistochemistry-Paraffin: Lactalbumin Alpha Antibody [NBP2-56836] - Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



Immunohistochemistry-Paraffin: Lactalbumin Alpha Antibody [NBP2-56836] - Staining of human colon shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: Lactalbumin Alpha Antibody [NBP2-56836] - Staining of human cerebral cortex shows no positivity in neurons as expected.





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### **Products Related to NBP2-56836**

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NBP2-56836PEP	Lactalbumin 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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