

# Product Datasheet

## IGFBP-2 Antibody (CL13563) - Azide and BSA Free NBP3-43841

Unit Size: 100 ug

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

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**NBP3-43841**

IGFBP-2 Antibody (CL13563) - Azide and BSA Free

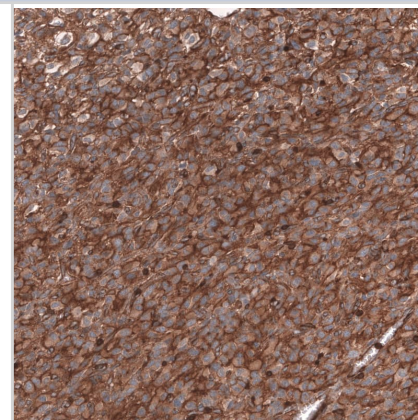
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13563
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	3485
Gene Symbol	IGFBP2
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P18065, with the exact immunogen sequence remaining proprietary.

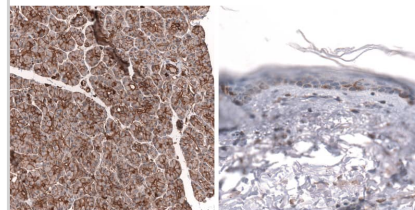
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments.

**Images**

Staining of human anaplastic oligodendroglioma shows strong membranous positivity in tumor cells.

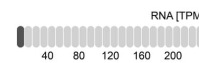
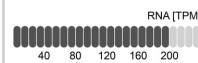


Analysis in human pancreas and skin tissues using NBP3-43841 antibody. Corresponding IGFBP-2 RNA-seq data are presented for the same tissues.

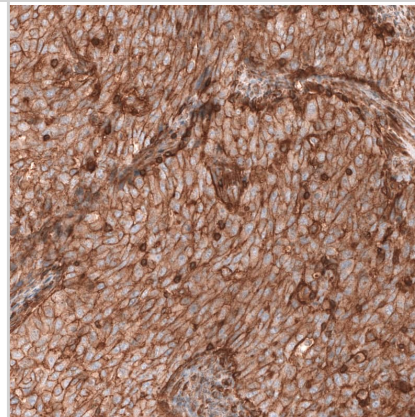


IGFBP2 in Pancreas

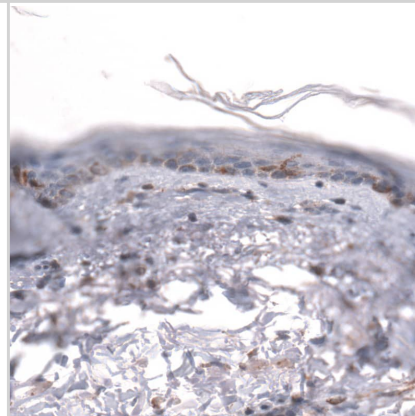
IGFBP2 in Skin



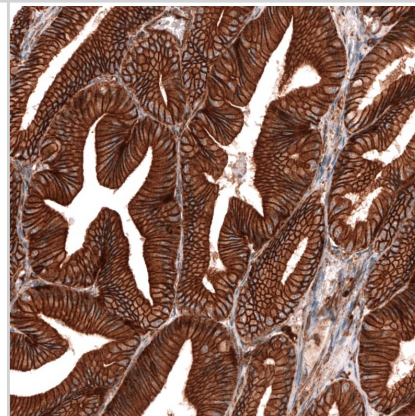
Staining of human endometrial cancer shows strong membranous positivity in tumor cells.



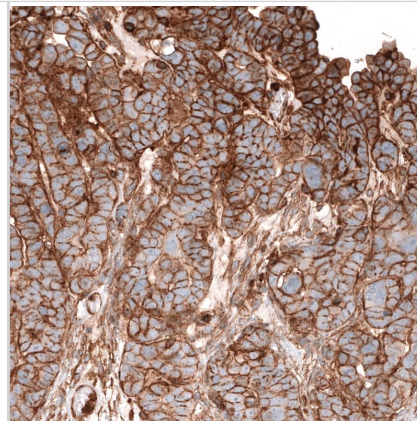
Staining of human skin shows negative to weak positivity in squamous epithelial cells.



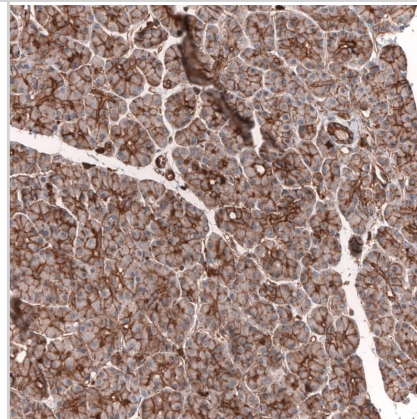
Staining of human ovarian cancer (low grade serous ovarian carcinoma) shows strong membranous positivity in tumor cells.



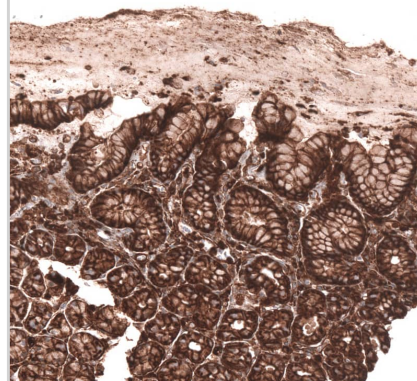
Staining of human ovarian cancer (papillary carcinoma) shows strong membranous positivity in tumor cells.



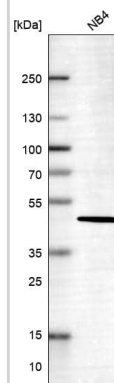
Staining of human pancreas shows strong membranous positivity in exocrine glandular cells.



Staining of human stomach shows strong membranous positivity in glandular cells.



Analysis in human cell line NB4.





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### **Products Related to NBP3-43841**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-57978PEP	IGFBP-2 Recombinant Protein Antigen

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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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