

Product Datasheet

CRABP2 Antibody - BSA Free

NBP1-85465

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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NBP1-85465

CRABP2 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	16 kDa

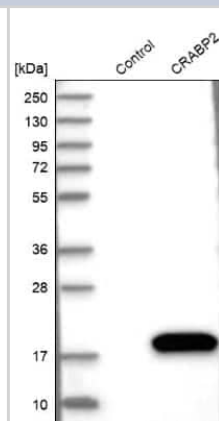
Product Description	
Host	Rabbit
Gene ID	1382
Gene Symbol	CRABP2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 26634247).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IKQEGDTFYIKTSTTVRTTEINFKVGEEFEEQTVDGRPCKSLVKWESENKMOVCE QKLLKGEGPKTSWTRELNDGELILTMTADDVVCTRYYVRE

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC reported in scientific literature (PMID: 26634247). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.



Images

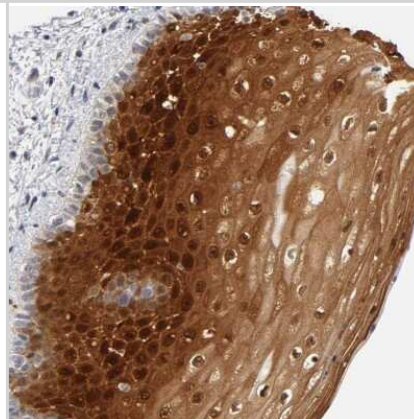
Western Blot: CRABP2 Antibody [NBP1-85465] - Analysis in control (vector only transfected HEK293T lysate) and CRABP2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



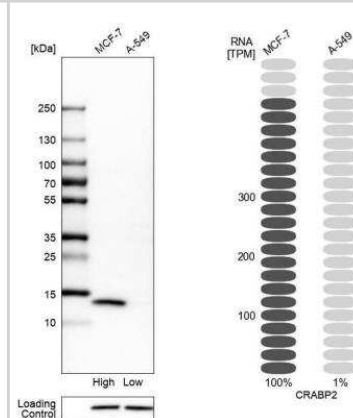
Immunocytochemistry/Immunofluorescence: CRABP2 Antibody [NBP1-85465] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



Immunohistochemistry-Paraffin: CRABP2 Antibody [NBP1-85465] - Staining of human vulva/anal skin shows strong nuclear and cytoplasmic positivity in squamous epithelial cells.



Western Blot: CRABP2 Antibody [NBP1-85465] - Analysis in human cell lines MCF-7 and A-549. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



Publications

Seidensaal K, Nollert A, Feige AH et al. Impaired aldehyde dehydrogenase 1 subfamily member 2A-dependent retinoic acid signaling is related with a mesenchymal-like phenotype and an unfavorable prognosis of head and neck squamous cell carcinoma. Mol Cancer 2015-12-03 [PMID: 26634247] (IF/IHC, Human)



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Products Related to NBP1-85465

NBP1-85465PEP	CRABP2 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

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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