

Product Datasheet

RFC2 Antibody - BSA Free NBP1-89341

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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NBP1-89341

RFC2 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

Product Description

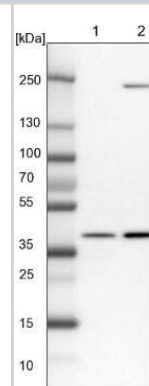
Host	Rabbit
Gene ID	5982
Gene Symbol	RFC2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PAPAFSKAPGSAGHYELPWVEKYRPVKLNEIVGNEDTVSRLEVFAREGNVPNII IAGPPGTGKTTSILCLARALLGPALKDAMLELNASND

Product Application Details

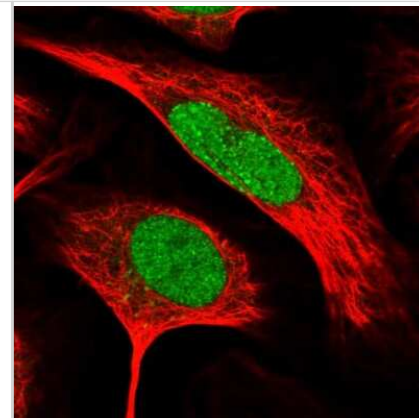
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

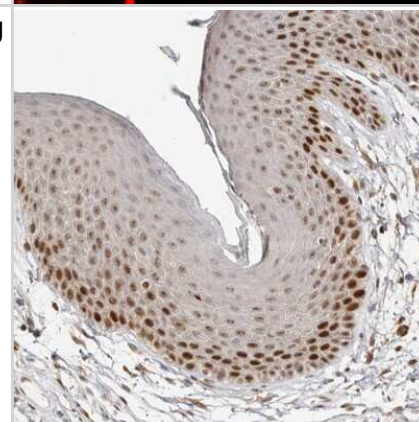
Western Blot: RFC2 Antibody [NBP1-89341] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



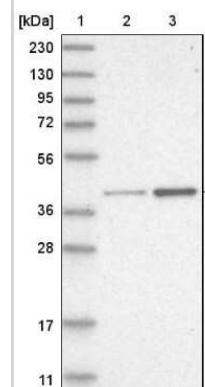
Immunocytochemistry/Immunofluorescence: RFC2 Antibody [NBP1-89341] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



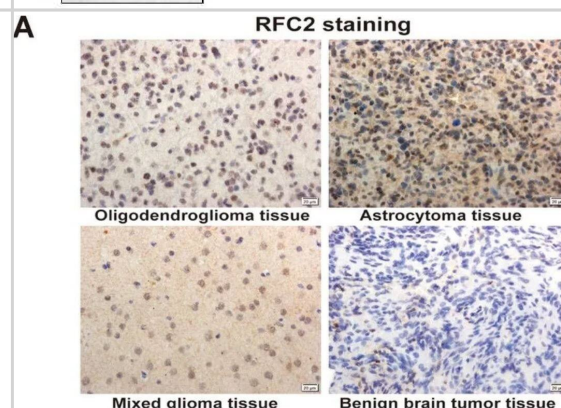
Immunohistochemistry-Paraffin: RFC2 Antibody [NBP1-89341] - Staining of human vulva/anal skin shows strong nuclear positivity in squamous epithelial cells.



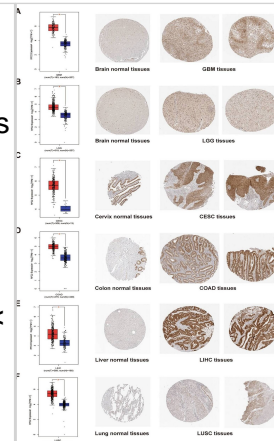
Western Blot: RFC2 Antibody [NBP1-89341] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



Immunohistochemistry: RFC2 Antibody [NBP1-89341] - RFC2 expression correlated with clinicopathological features in our LGG samples. The immunohistochemistry images showing the relative expression of RFC2 in LGG tissues and benign brain tumor tissues (Original magnification, x 400). Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/35210438/>) licensed under a CC-BY license.



Immunohistochemistry: RFC2 Antibody [NBP1-89341] - Comparison of RFC2 expression between tumor & normal tissues (left, red represented tumor tissues while blue represented normal tissues) & corresponding immunohistochemistry images in normal tissues (middle) & tumor tissues (right). (A–F) The differential expression levels of RFC2 in glioblastoma (GBM) tissues (A), diffuse lower-grade gliomas (LGG) tissues (B), cervical cancer (CESC) tissues (C), colon adenocarcinoma (COAD) tissues (D), liver hepatocellular carcinoma (LIHC) tissues (E), lung squamous cell carcinoma (LUSC) tissues (F), & their corresponding normal tissues were evaluated based on GEPIA & HPA databases. (*P < 0.05). Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/35210438>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Zhao X, Wang y, Li J et al. RFC2: a prognosis biomarker correlated with the immune signature in diffuse lower-grade gliomas Scientific reports 2022-02-24 [PMID: 35210438] (IHC-P, Human)



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Products Related to NBP1-89341

NBP1-89341PEP	RFC2 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

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