

Product Datasheet

Dicer Antibody (CL0378) - BSA Free NBP2-30699

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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NBP2-30699

Dicer Antibody (CL0378) - 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	Monoclonal
Clone	CL0378
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

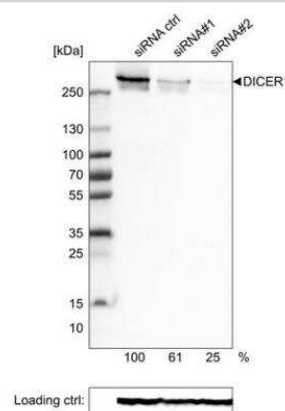
Host	Mouse
Gene ID	23405
Gene Symbol	DICER1
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from Q9UPY3, with the exact immunogen sequence remaining proprietary.

Product Application Details

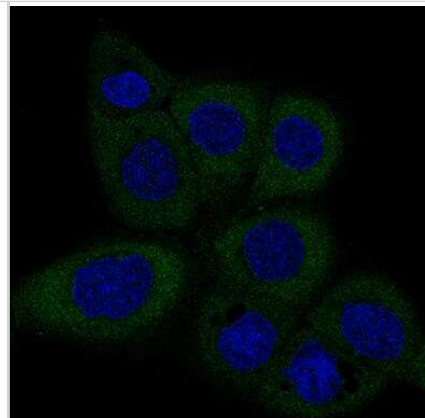
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

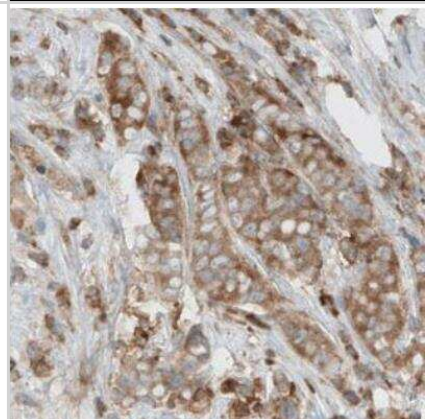
Western Blot: Dicer Antibody (CL0378) [NBP2-30699] - Analysis of extracts from RT-4 cells, transfected with either control siRNA (siRNA ctrl) or target specific siRNA probes (siRNA#1, siRNA#2), using Anti-DICER monoclonal antibody. Downregulation of antibody signal confirms target specificity. Remaining % intensity, relative control lane, is indicated. Anti-GAPDH monoclonal antibody was used as loading control.



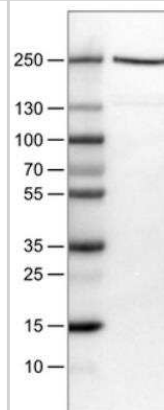
Immunocytochemistry/Immunofluorescence: Dicer Antibody (CL0378) [NBP2-30699] - Staining of A-431 cells using the anti-DICER1 monoclonal antibody, showing specific staining in the cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



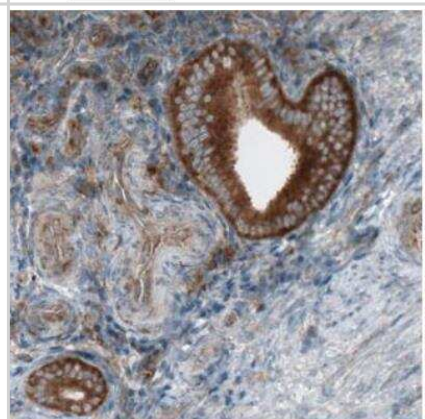
Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699] - Staining of human breast cancer (ductal carcinoma) shows moderate cytoplasmic positivity in cancer cells.



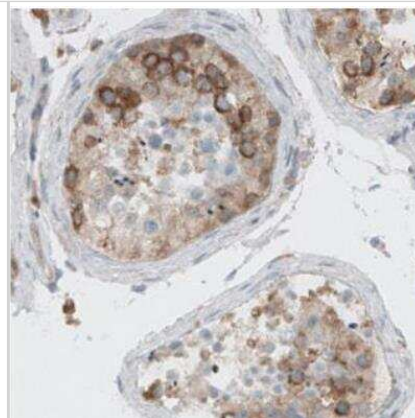
Western Blot: Dicer Antibody (CL0378) [NBP2-30699] - Lane 1: Marker [kDa]. Lane 2: Human cell line HEK293T



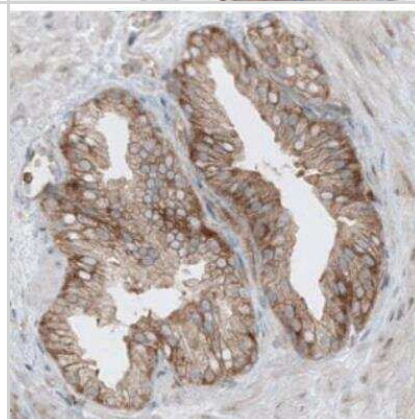
Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699] - Staining of human uterus shows cytoplasmic immunoreactivity in the glandular epithelium cells.



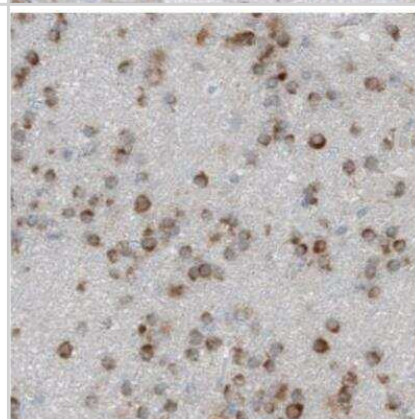
Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699]
- Staining of human testis shows cytoplasmic positivity in the seminiferous tubules cells.



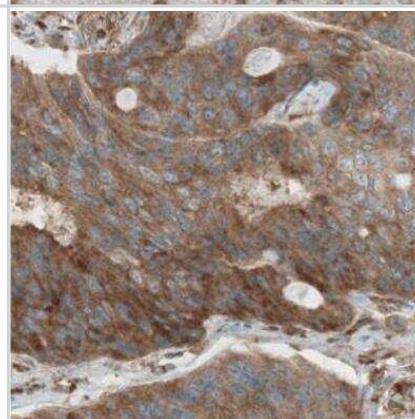
Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699]
- Staining of human prostate shows cytoplasmic immunoreactivity in the glandular epithelium cells.



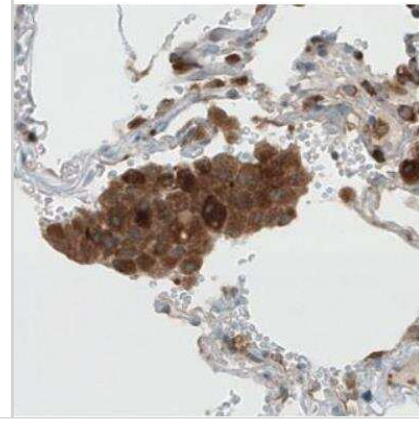
Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699]
- Staining of human cerebral cortex shows cytoplasmic positivity in the glial cells.



Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699]
- Staining of human colorectal cancer (adenocarcinoma) shows cytoplasmic positivity in cancer cells.



Immunohistochemistry-Paraffin: Dicer Antibody (CL0378) [NBP2-30699]
- Staining of human lung cancer (adenocarcinoma) shows strong cytoplasmic positivity in cancer cells.



Publications

Zeng J, Dong S, Luo Z et al. The Zika Virus Capsid Disrupts Corticogenesis by Suppressing Dicer Activity and miRNA Biogenesis Cell Stem Cell 2020-08-04 [PMID: 32763144] (WB, Virus)

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Products Related to NBP2-30699

NBP2-30699PEP	Dicer Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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