

Product datasheet for TA379203S

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Apoptosis repressor with CARD (NOL3) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, IHC, WB

Recommended Dilution: WB.1:500 - 1:2000

IHC-P,1:50 - 1:200 IF/ICC,1:10 - 1:100

ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 23kDa

Gene Name: nucleolar protein 3

Database Link: Entrez Gene 8996 Human

<u>060936</u>

Background: This gene encodes an anti-apoptotic protein that has been shown to down-regulate the

enzyme activities of caspase 2, caspase 8 and tumor protein p53. Multiple transcript variants

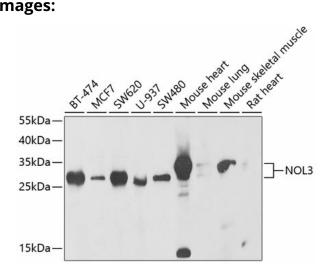
encoding different isoforms have been found for this gene.

Synonyms: ARC; CARD2; MYC; Myp; NOP; NOP30

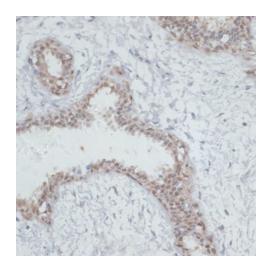




Product images:

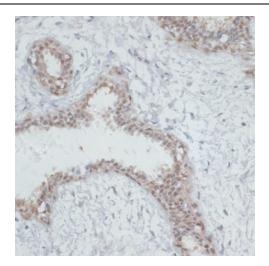


Western blot analysis of various lysates using NOL3 Rabbit pAb ([TA379203]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.

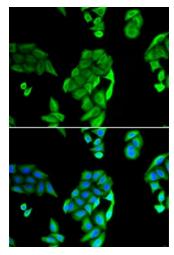


Immunohistochemistry analysis of paraffinembedded Rat testis using NOL3 Rabbit pAb ([TA379203]) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.





Immunohistochemistry analysis of paraffinembedded Human breast using NOL3 Rabbit pAb ([TA379203]) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using NOL3 Rabbit pAb ([TA379203]). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.