

Product Datasheet

Capicua Antibody - BSA Free NB110-59905

Unit Size: 0.1 mg

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

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NB110-59905

Capicua Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
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
Target Molecular Weight	164 kDa

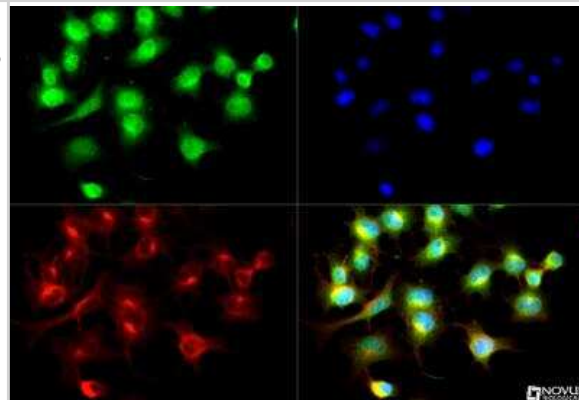
Product Description	
Description	Novus Biologicals Rabbit Capicua Antibody - BSA Free (NB110-59905) is a polyclonal antibody validated for use in ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23152
Gene Symbol	CIC
Species	Human, Mouse, Rat, Canine
Immunogen	The epitope recognized by this antibody maps to a region within residue 1150-1200 of human Capicua. [NP_055940.3]

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Western Blot (Negative)
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:500, Immunoprecipitation 2-5 ug/mg lysate, Western Blot (Negative)
Application Notes	This Capicua antibody is useful for Immunocytochemistry/Immunofluorescence and Immunoprecipitation. It is not recommended for Western blot analysis. With ICC/IF nuclear staining was observed in Neuro2A cells.

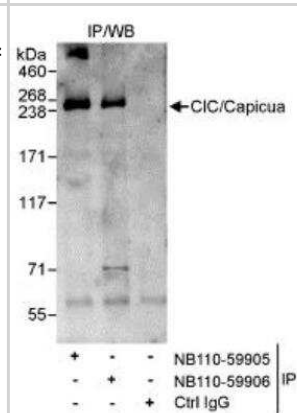


Images

Immunocytochemistry/Immunofluorescence: Capicua Antibody [NB110-59905] - Capicua antibody was tested in Neuro 2A cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red).



Immunoprecipitation: Capicua Antibody [NB110-59905] - Affinity purified rabbit Capicua Antibody cat# NB110-59905 was used for IP at 3ug/mg of HeLa whole cell lysate. Capicua was also immunoprecipitated by rabbit anti-Capicua antibody NBP3-30691, which recognizes a downstream epitope. For blotting of immunoprecipitated Capicua, NBP3-30691 was used at 1 μ g/ml.



Procedures

Immunocytochemistry/Immunofluorescence protocol for Capicua Antibody (NB110-59905)

Capicua Antibody:

Immunocytochemistry Protocol

Culture cells to appropriate density in 35 mm culture dishes or 6-well plates.

1. Remove culture medium and add 10% formalin to the dish. Fix at room temperature for 30 minutes.
2. Remove the formalin and add ice cold methanol. Incubate for 5-10 minutes.
3. Remove methanol and add washing solution (i.e. PBS). Be sure to not let the specimen dry out. Wash three times for 10 minutes.
4. To block nonspecific antibody binding incubate in 10% normal goat serum from 1 hour to overnight at room temperature.
5. Add primary antibody at appropriate dilution and incubate at room temperature from 2 hours to overnight at room temperature.
6. Remove primary antibody and replace with washing solution. Wash three times for 10 minutes.
7. Add secondary antibody at appropriate dilution. Incubate for 1 hour at room temperature.
8. Remove antibody and replace with wash solution, then wash for 10 minutes. Add Hoechst 33258 to wash solution at 1:25,000 and incubate for 10 minutes. Wash a third time for 10 minutes.
9. Cells can be viewed directly after washing. The plates can also be stored in PBS containing Azide covered in Parafilm (TM). Cells can also be cover-slipped using Fluoromount, with appropriate sealing.

*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.





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Products Related to NB110-59905

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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