

DDX21 Antibody

CAB14820

Description

This DDX21 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

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|----------------------|---|
| SKU: | CAB14820 |
| Contents: | 20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | RH, GUA, GURDB, II/Gu, RH II/Gu, RH-II/GU, gu-alpha, RH-II/GuA, DDX21 |
| Clone: | - |
| Applications: | WB IHC-P IF/ICC ELISA |
| Conjugation: | Unconjugated |
| Reactivity: | Human, Mouse |

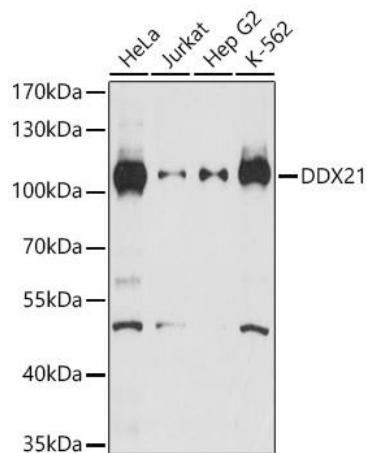
Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 9188 |
| Uniprot: | AB_2761699 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 100kDa |
| Calculated MW: | 87kDa |

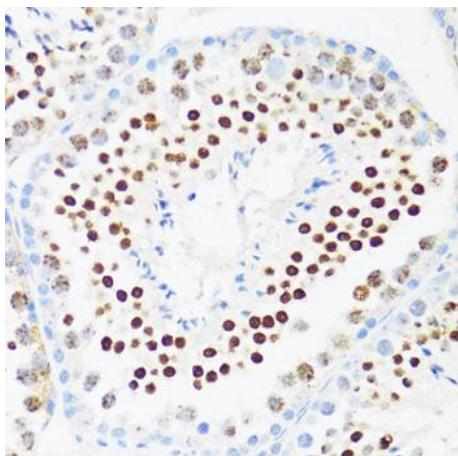
Preparation & Storage

| | | | | | | | | | |
|---|---|-----------|-----------------|--------------|--------------|---------------|--------------|--------------|---|
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year. | | | | | | | | |
| Positive Sample: | HeLa, Jurkat, Hep G2, K-562 | | | | | | | | |
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:1000 - 1:5000</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:1000 - 1:5000 | IHC-P | 1:50 - 1:200 | IF/ICC | 1:50 - 1:200 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB | 1:1000 - 1:5000 | | | | | | | | |
| IHC-P | 1:50 - 1:200 | | | | | | | | |
| IF/ICC | 1:50 - 1:200 | | | | | | | | |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | | | | | | | | |
| Protein Quantification (Optional): | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol | | | | | | | | |

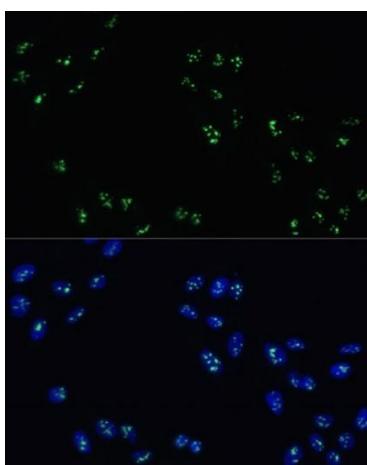
Validation Data



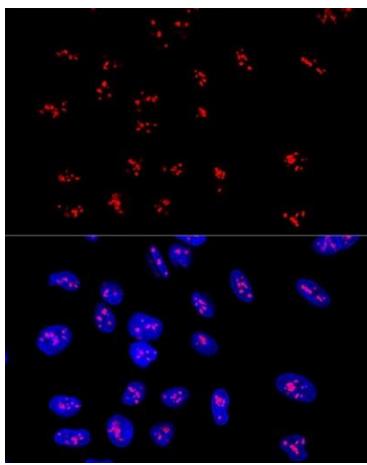
Western blot analysis of various lysates using Rabbit pAb (CAB14820) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using Rabbit pAb (CAB14820) 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 U-2 OS cells using Rabbit pAb (CAB14820) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U2OS cells using Rabbit pAb (CAB14820) at dilution of 1:100. Blue: DAPI for nuclear staining.