

## Product Datasheet

### CTSA Antibody (N-term) (orb1938960)

|                            |  |
|----------------------------|--|
| <b>Catalog Number</b>      | orb1938960   |
| <b>Category</b>            | Antibodies   |
| <b>Description</b>         | CTSA Antibody (N-term)   |
| <b>Clonality</b>           | Polyclonal   |
| <b>Species/Host</b>        | Rabbit   |
| <b>Isotype</b>             | Rabbit IgG   |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Reactivity</b>          | Human, Mouse   |
| <b>Form/Appearance</b>     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| <b>UniProt ID</b>          | <b>P10619</b>  |
| <b>MW</b>                  | 54466 Da   |
| <b>Tested applications</b> | IHC-P, WB  |
| <b>Dilution range</b>      | IHC-P-Leica - 1:500, WB - 1:2000   |
| <b>Specificity</b>         | This CTSA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-45 amino acids from the N-terminal region of human CTSA.           |
| <b>Antibody Type</b>       | Primary Antibody   |

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**Storage**

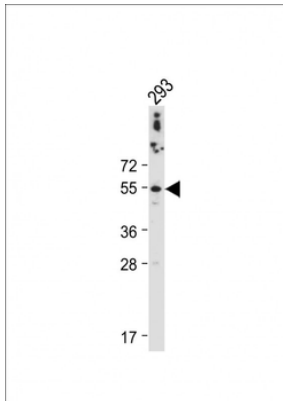
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

**Note**

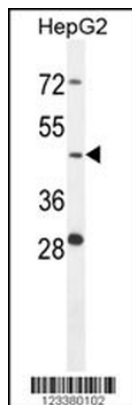
For research use only

**Expiration Date**

12 months from date of receipt.



Anti-CTSA Antibody (N-term) at 1:2000 dilution + 293 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 54 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



CTSA Antibody (N-term) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the CTSA antibody detected the CTSA protein (arrow).

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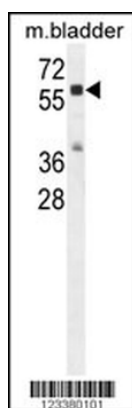
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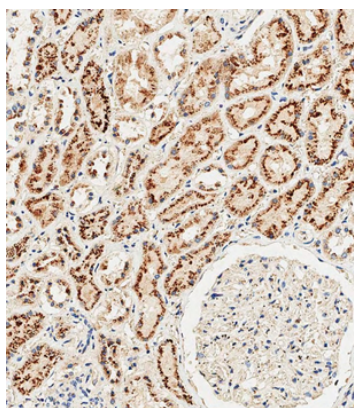
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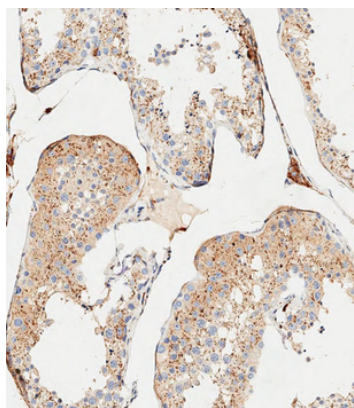
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CTSA Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35 ug/lane). This demonstrates the CTSA antibody detected the CTSA protein (arrow).



Immunohistochemical analysis of paraffin-embedded Human kidney tissue performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary Antibody.



Immunohistochemical analysis of paraffin-embedded Human testis tissue performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary Antibody.

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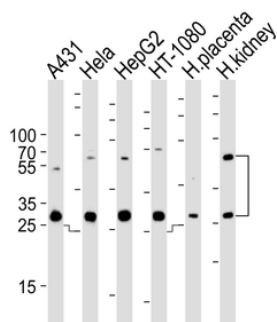
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Western blot analysis of lysates from A431, HeLa, HepG2, HT-1080 cell line and human placenta, kidney tissue lysate (from left to right), using CTSA Antibody (N-term). diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary Antibody. Lysates at 35 ug per lane.

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