

Product Datasheet

CTSA Antibody (N-term) (orb1938960)

Catalog Number	orb1938960
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	CTSA
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	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.
Immunogen	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. Antigen Region: 18-45 aa.
UniProt ID	P10619
MW	54466 Da
Tested applications	IHC-P, WB
Dilution range	WB - 1:2000, IHC-P-Leica - 1:500
Antibody Type	Primary Antibody

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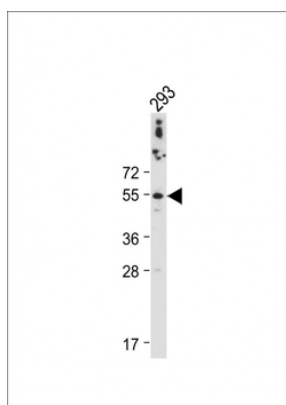
Biorbyt LLC

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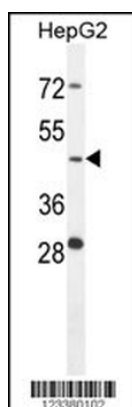
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Clone Number	BTD45502
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001161066.1, NP_000299.2, NP_001121167.1
Expiration 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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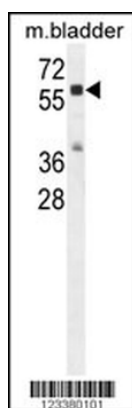
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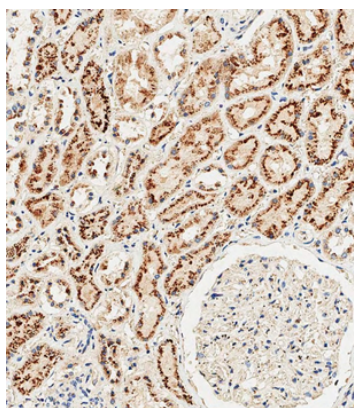
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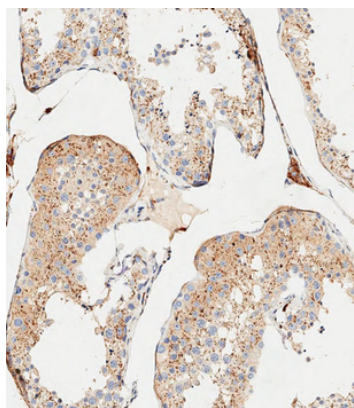
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CTSA Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35 ug/lane). This demonstrates the CTSA antibody detected the CTSA protein (arrow).



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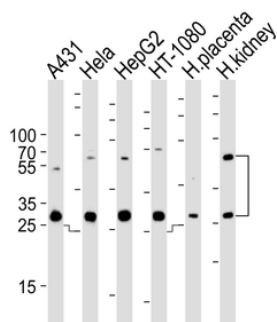
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Western blot analysis of lysates from A431, HeLa, HepG2, HT-1080 cell line and human placenta, kidney tissue lysate (from left to right), using CTSA Antibody (N-term). diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution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

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