

Product Datasheet

xCT Antibody (JE31-93)

NBP3-33014

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-33014

xCT Antibody (JE31-93)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE31-93
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	55 kDa
Product Description	
Description	Novus Biologicals Rabbit xCT Antibody (JE31-93) (NBP3-33014) is a recombinant monoclonal antibody validated for use in WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23657
Gene Symbol	SLC7A11
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human xCT aa 1-50 / 501. (Uniprot: Q9UPY5)
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunoprecipitation 1-2ug/sample

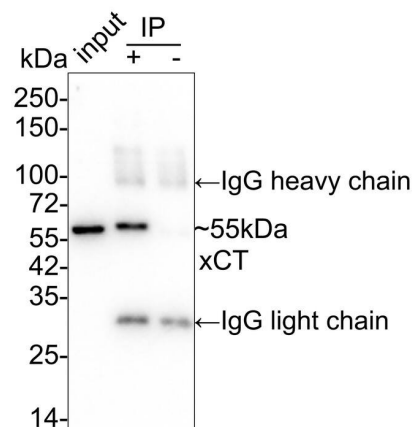


Images

Immunoprecipitation: xCT Antibody (JE31-93) [NBP3-33014] - xCT was immunoprecipitated in 0.2mg HeLa cell lysate with NBP3-33014 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-33014 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: HeLa cell lysate (input)
 Lane 2: NBP3-33014 IP in HeLa cell lysate
 Lane 3: Rabbit IgG instead of NBP3-33014 in HeLa cell lysate

Blocking/Dilution buffer: 5% NFDm/TBST
 Exposure time: 24 seconds; ECL



Western Blot: xCT Antibody (JE31-93) [NBP3-33014] - Western blot analysis of xCT on different lysates with Rabbit anti-xCT antibody (NBP3-33014) at 1/1,000 dilution.

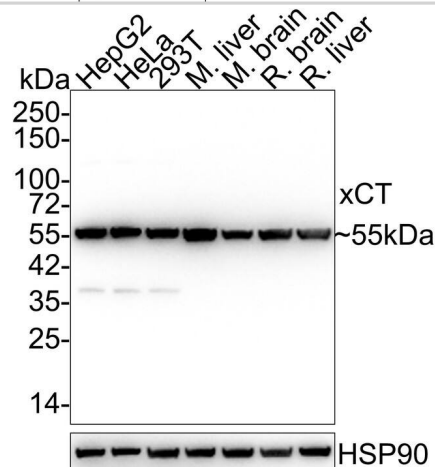
Lane 1: HepG2 cell lysate (20 ug/Lane)
 Lane 2: HeLa cell lysate (20 ug/Lane)
 Lane 3: 293T cell lysate (20 ug/Lane)
 Lane 4: Mouse liver tissue lysate (40 ug/Lane)
 Lane 5: Mouse brain tissue lysate (40 ug/Lane)
 Lane 6: Rat brain tissue lysate (40 ug/Lane)
 Lane 7: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 55 kDa
 Observed band size: 55 kDa

Exposure time: 5 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-33014) at 1/1,000 dilution was used in 5% NFDm/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-33014

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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