

Product Datasheet

FTO Antibody (4G9) - BSA Free NBP3-26565-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26565-100ul

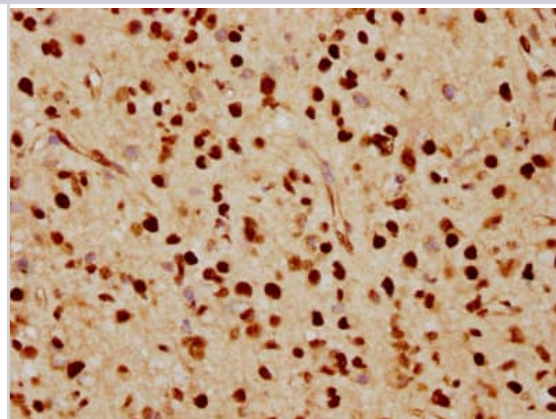
FTO Antibody (4G9) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G9
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Description	Novus Biologicals Rabbit FTO Antibody (4G9) - BSA Free (NBP3-26565) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79068
Gene Symbol	FTO
Species	Human
Immunogen	A synthesized peptide derived from Human FTO [UniProt Q9C0B1]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

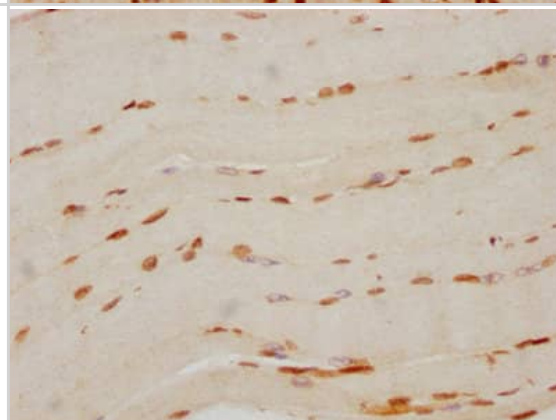


Images

Immunohistochemistry: FTO Antibody (4G9) [NBP3-26565] - Image of FTO Antibody (4G9) diluted at 1:70 and staining in paraffin-embedded human glioma cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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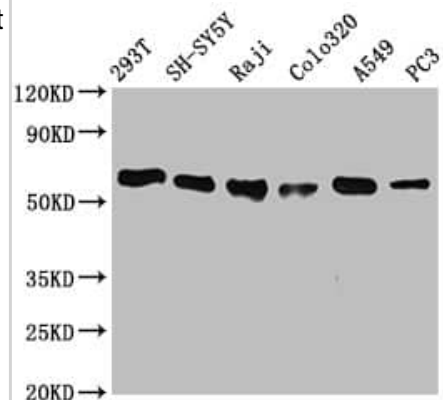
Western Blot: FTO Antibody (4G9) [NBP3-26565] - Positive Western Blot detected in: 293T whole cell lysate, SH-SY5Y whole cell lysate, Raji whole cell lysate, Colo320 whole cell lysate, A549 whole cell lysate, PC3 whole cell lysate.

All lanes: FTO Antibody at 0.7ug/ml.

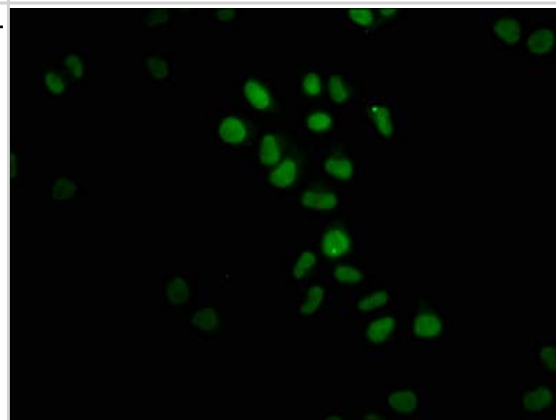
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 59, 15, 7, 13 KDa

Observed band size: 59 KDa



Immunocytochemistry/Immunofluorescence: FTO Antibody (4G9) [NBP3-26565] - Staining of Hela cells with FTO Antibody (4G9) at 1:23, counterstained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).





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Products Related to NBP3-26565-100ul

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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