

Product Datasheet

Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage - BSA Free NBP2-36523

Unit Size: 0.05 ml

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

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NBP2-36523

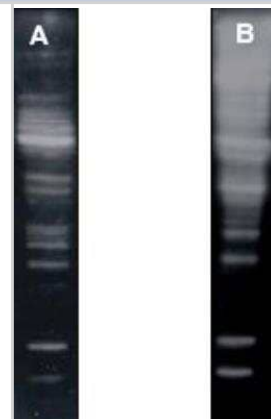
Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HWA4C4
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Ion exchange chromatography
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6233
Gene Symbol	RPS27A
Species	Non-species specific
Reactivity Notes	Does not cross-react with any other isopeptide-linked (K6, K11, K27, K29, K33, or K48) polyubiquitinated species.
Specificity/Sensitivity	Antibody specifically recognizes K63-linked polyubiquitin chains, but not any other isopeptide-linked (K6, K11, K27, K29, K33, or K48) polyubiquitin chain or monoubiquitin. The specificity of this K63-linked ubiquitin specific monoclonal antibody was demonstrated using synthetic ubiquitin chains, single isopeptide-linked polyubiquitin chains, and with endogenously ubiquitinated species in both cell lysates and intact cells.
Immunogen	Synthetic peptide containing the ubiquitin K63-isopeptide motif.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:100
Application Notes	Specificity is temperature sensitive. Western blot membranes must not be autoclaved. Excessive heat should be avoided in all applications. K63-linked polyubiquitin modified proteins comprise only a proportion of total cellular polyubiquitinated species. Increased sample loading may therefore be required for analysis by Western blot. Do not use milk as blocking solution. Use 1% BSA in an appropriate buffer instead.

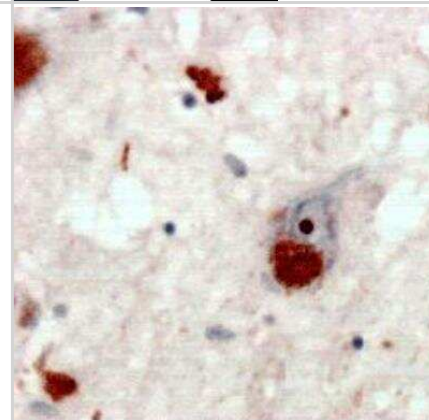


Images

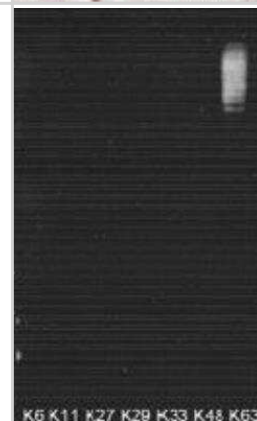
Western Blot: Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage [NBP2-36523] - Poly-Ubiquitin K63 Linkage Antibody (HWA4C4) [NBP2-36523] - Analysis of HeLa S100 Fraction. (Lane A) and MAb to Polyubiquitinated Conjugates (clone FK1) (Lane B) at 1:1000 dilution.



Immunohistochemistry-Paraffin: Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage [NBP2-36523] - Poly-Ubiquitin K63 Linkage Antibody (HWA4C4) [NBP2-36523] - Sections of hippocampus from human Alzheimers disease brain stained at 1:100 dilution with biotinylated secondary antibody and DAB detection.



Western Blot: Poly-Ubiquitin Antibody (HWA4C4) - K63 Linkage [NBP2-36523] - Poly-Ubiquitin K63 Linkage Antibody (HWA4C4) [NBP2-36523] - Analysis at 1:1000 dilution





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Products Related to NBP2-36523

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
U-100H-10M	Ubiquitin [Unconjugated]

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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