Product Datasheet

53BP1 Antibody [HRP]
NB100-304H

Unit Size: 0.1 ml

Store at 4C in the dark.

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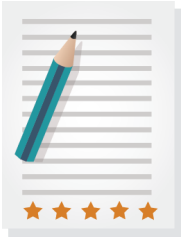
Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-304H

Updated 10/23/2024 v.20.1



NB100-304H

53BP1 Antibody [HRP]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	7158
Gene Symbol	TP53BP1
Species	Human, Mouse, Rat, Bat, Bovine, Canine, Fish, Goat, Primate
Reactivity Notes	Human reactivity reported in scientific literature (PMID:32877678). Human and mouse reactivity cited in numerous publications. Primate reactivity reported in scientific literature (PMID: 18389475). Fish reactivity reported in scientific literature (PMID: 25516420). Bat, canine, and bovine reactivity reported in scientific literature (PMID: 27573809). Predicted cross-reactivity based on sequence identity: Chimpanzee (96%), Gorilla (96%), Orangutan (96%), Gibbon (94%), Marmoset (92%), Feline (90%), Porcine (90%), Rabbit (90%), Sheep (90%).
Marker	DNA Double Strand Break Marker
Immunogen	Partial synthetic peptide made to an internal portion of human 53BP1 (between amino acids 350-400) [NP_005648.1].

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, In-situ Hybridization, Chromatin Immunoprecipitation (ChIP), Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, In-situ Hybridization, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Litong Nie, Chao Wang, Min Huang, Xiaoguang Liu, Xu Feng, Mengfan Tang, Siting Li, Qinglei Hang, Hongqi Teng, Xi Shen, Li Ma, Boyi Gan, Junjie Chen, Tony Hunter, Tony Yuen DePARylation is critical for S phase progression and cell survival eLife 2024-04-05 [PMID: 38578205]

Nie, L;Wang, C;Liu, X;Huang, M;Feng, X;Tang, M;Li, S;Hang, Q;Teng, H;Shen, X;Ma, L;Gan, B;Chen, J; DePARylation is critical for S phase progression and cell survival bioRxiv : the preprint server for biology 2023-08-02 [PMID: 37577639]

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Products Related to NB100-304H

NBP2-24891H	Rabbit IgG Isotype Control [HRP]
NB100-304B	53BP1 Antibody [Biotin]
H00007158-Q01-10ug	Recombinant Human 53BP1 GST (N-Term) Protein
NB100-926-1Pack	53BP1 Antibody Pack

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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