Product Datasheet

53BP1 Antibody [HRP] NB100-304H

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-304H

53BP1 Antibody [HRP]

Unit Size0.1 mlConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityPolyclonalPreservativeNo PreservativeIsotypeIgGConjugateHRPPurityImmunogen affinity purifiedBufferPBSProduct DescriptionToSHostRabbitGene ID7158Gene SymbolTPS3BP1SpeciesHuman, Mouse, Rat, Bat, Bovine, Canine, Fish, Goat, Primate ractivity reported in scientific literature (PMID: 23877678). Human and mose reactivity cited in numerous publications. Primate ractivity reported in scientific literature (PMID: 27573809). Predicted cross-reactivity paced on scientific literature (PMID: 27573809). Predicted cross-reactivity paced on<	Product Information		
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ClonalityPolyclonalPreservativeNo PreservativeIsotypeIgGConjugateHRPPurityImmunogen affinity purifiedBufferPBSProduct DescriptionHostHostRabbitGene ID7158Gene SymbolTP53BP1SpeciesHuman, Mouse, Rat, Bat, Bovine, Canine, Fish, Goat, PrimateReactivity NotesHuman, Mouse, Rat, Bat, Bovine, Canine, Fish, Goat, PrimateReactivity NotesHuman reactivity reported in scientific literature (PMID:32877678). Human and mouse reactivity cell on numerous publications. Primate reactivity reported in scientific literature (PMID: 25516420). Bat. canine, and bovine reactivity preported in scientific literature (PMID: 25516420). Bat. Canine, and bovine reactivity preported in scientific literature (PMID: 25516420). Bat. Canine, and bovine reactivity preported in scientific literature (PMID: 25516420). Bat. Canine, and bovine reactivity preported in scientific literature (PMID: 25516420). Bat. Canine, and bovine reactivity peorted in scientific literature (PMID: 25516420). Bat. Canine, and bovine reactivity based on sequence identity: Chimpanzee (96%), Gorilla (96%), Orangutan (96%), Gibbon (94%), Marmoset (92%), Feline (90%), Porcine (90%), Rabbit (90%), Sheep (90%).MarkerDNA Double Strand Break MarkerImmunogenPartial synthetic peptide made to an internal portion of human 53BP1 (between amino acids 350-400) (NP_005648.1).Product Application DetailsWestern Blot, Chromatin Immunoprecipitation, Flow Cytometry, Flow (Intracellular), Immunobistochemistry/ Immunohistochemistry- Paraffin, Immunoprecipitation, In-situ Hybridization, Flow Cytometry, Immunohistochemistry	Concentration	•	
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ApplicationsWestern 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 ValidatedRecommended DilutionsWestern Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, ChIP), Knockdown Validated, Knockout ValidatedRecommended DilutionsWestern 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	Immunogen		
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Application NotesOptimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry- Frozen, Immunoblotting, In-situ Hybridization, Flow (Intracellular), Chromatin	
	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

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