

Product Datasheet

CRISP-2 Antibody NBP1-52012

Unit Size: 0.1 mg

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

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NBP1-52012

CRISP-2 Antibody

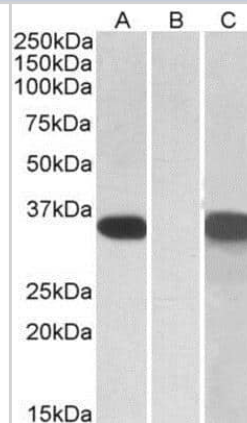
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	7180
Gene Symbol	CRISP2
Species	Human, Porcine, Canine
Reactivity Notes	Expected from sequence similarity: Porcine, Canine
Specificity/Sensitivity	Reported variants represent identical protein: NP_003287.1, NP_001135879.1, NP_001135889.1, NP_001135907.1, NP_001135880.1.
Immunogen	Peptide with sequence C-QHSDPEDRKTSTR corresponding to internal region according to NP_003287.1.

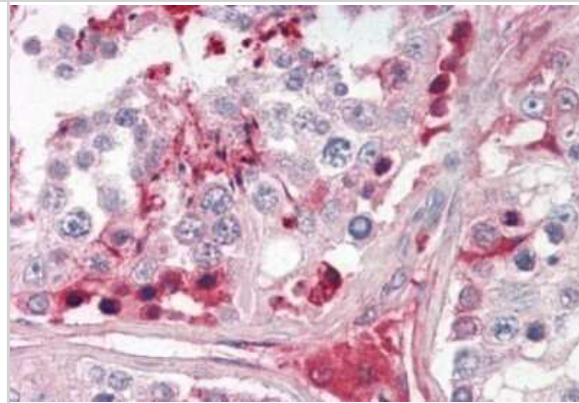
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:8000
Application Notes	Western blot: In transfected HEK293 transiently expressing Human CRISP2 (MYC and DYKDDDDK tagged), a band of approx. 35kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Primary incubations were for 1 hour. Preliminary experiments gave an approx 55kDa band in Human Testis lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 27.3kDa according to NP_003287.1. The 55kDa band was successfully blocked by incubation with the immunizing peptide IHC: Paraffin embedded Human Testis.

Images

Western Blot: CRISP-2 Antibody [NBP1-52012] - HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human CRISP2 with C-terminal MYC tag probed with (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with (1mg/ml) in Lane B.



Immunohistochemistry-Paraffin: CRISP-2 Antibody [NBP1-52012] - 3.75ug/ml staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Jamsai D, Reilly A, Smith SJ et al. Polymorphisms in the human cysteine-rich secretory protein 2 (CRISP2) gene in Australian men. Hum Reprod 2008-09-01 [PMID: 18550510]



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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-85452PEP	CRISP-2 Recombinant Protein Antigen

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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