Datasheet for ABIN2787368

anti-NASP antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	NASP
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Zebrafish (Danio rerio), Dog, Pig, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NASP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NASP
Sequence:	KEAEGSSAEY KKEIEELKEL LPEIREKIED AKESQRSGNV AELALKATLV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NASP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NASP

Target Details

Alternative Name:	NASP (NASP Products)
Background:	This gene encodes a H1 histone binding protein that is involved in transporting histones into the nucleus of dividing cells. Multiple isoforms are encoded by transcript variants of this gene. The somatic form is expressed in all mitotic cells, is localize Alias Symbols: DKFZp547F162, FLB7527, FLJ31599, FLJ35510, MGC19722, MGC20372, MGC2297, PRO1999 Protein Interaction Partner: H3F3C, HUWE1, HIST1H3H, H3F3B, UBC, SMAD6, MAT2B, GSPT2, ATG7, TBCD, SNX1, SHMT2, PRKACA, PPP3CA, ATP6V1C1, BAG3, PNKP, ASF1A, STIP1, VCP, CDK2, TERF2IP, TERF2, SUMO2, PTK2, HDAC6, HIST1H3A, Mapk13, HIST1H3E, H3F3A, AIRE, HIST1H4A, LUC7L2, HIST1H3G, HIST2 Protein Size: 449
Molecular Weight:	49 kDa
Gene ID:	4678
NCBI Accession:	NM_152298, NP_689511
UniProt:	Q5T626

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 449 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

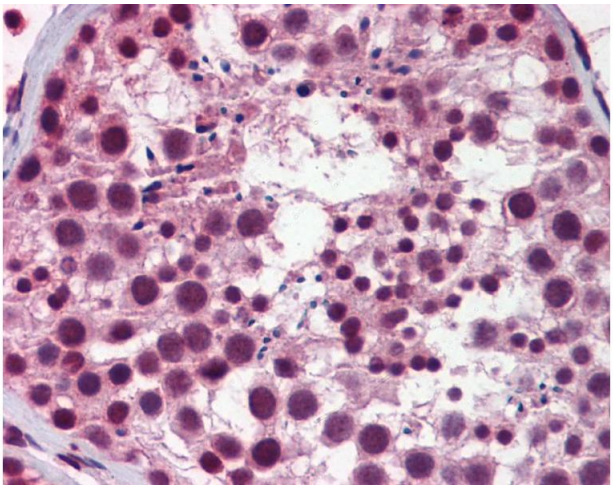
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Wen, Zhu, Zhang, Keum, Zykova, Yao, Peng, Zheng, Cho, Ma, Bode, Dong: "MST1 promotes apoptosis through phosphorylation of histone H2AX." in: **The Journal of biological chemistry**, Vol. 285, Issue 50, pp. 39108-16, (2010) (PubMed).

Images



Immunohistochemistry

Image 1.