

Product Datasheet

SPO11 Antibody - BSA Free

NBP1-58172

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-58172

SPO11 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose

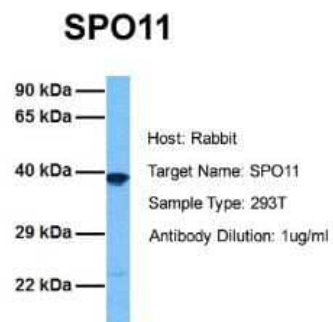
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	23626
Gene Symbol	SPO11
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23525040).
Immunogen	Synthetic peptides corresponding to SPO11(SPO11 meiotic protein covalently bound to DSB homolog (<i>S. cerevisiae</i>)) The peptide sequence was selected from the N terminal of SPO11. Peptide sequence KFSLILKILSMIYKLVQSNTYATKRDIYYTDSQLFGNQTVVDNIINDISC The peptide sequence for this immunogen was taken from within the described region.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml



Images

Western Blot: SPO11 Antibody [NBP1-58172] - Sample Tissue: Human
293T Antibody Dilution: 1.0 ug/ml



Western Blot: SPO11 Antibody [NBP1-58172] - HepG2 cell lysate,
concentration 0.2-1 ug/ml.



Publications

Suberbielle E, Sanchez PE, Kravitz AV et al. Physiologic brain activity causes DNA double-strand breaks in neurons, with exacerbation by amyloid-beta Nat Neurosci 2013-03-24 [PMID: 23525040] (WB, Mouse)



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Products Related to NBP1-58172

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00023626-P01-10ug	Recombinant Human SPO11 GST (N-Term) Protein

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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