

Rabbit BRD8 Polyclonal Antibody | anti-BRD8 antibody

BRD8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328791	Rabbit	Human, MousePredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

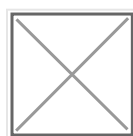
PRODUCT SYNONYMS

BRD8; Polyclonal Antibody; BRD8 Antibody; Bromodomain containing 8; p120; Skeletal muscle abundant protein; Skeletal muscle abundant protein 2; SMAP; SMAP2; Thyroid hormone receptor coactivating protein 120kDa; Thyroid hormone receptor coactivating protein; anti-BRD8 antibody

PRODUCT SPECIFICATIONS

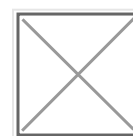
Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	BRD8 Antibody detects endogenous levels of BRD8.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1235
Applicable Applications for anti-BRD8 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human BRD8.
Tissue Specificity	Expressed in adipose tissue, brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using BRD8 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from Mouse kidney, using BRD8 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD8 antibody	Description: May act as a coactivator during transcriptional activation by hormone-activated nuclear receptors (NR). Isoform 2 stimulates transcriptional activation by AR/DHTR, ESR1/NR3A1, RXRA/NR2B1 and THRB/ERBA2. At least isoform 1 and isoform 2 are components of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome. Subunit Structure: Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit KAT5/TIP60 and the subunits EP400, TRRAP/PAF400, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, ING3, actin, ACTL6A/BAF53A, MORF4L1/MRG15, MORF4L2/MRGX, MRGBP, YEATS4/GAS41, VPS72/YL1 and MEAF6. The NuA4 complex interacts with MYC and the adenovirus E1A protein. Component of a NuA4-related complex which contains EP400, TRRAP/PAF400, SRCAP, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, actin, ACTL6A/BAF53A, VPS72 and YEATS4/GAS41. BRD8 isoform 2 interacts with RXRA/NR2B1 and THRB/ERBA2 (By similarity). Component of a SWR1-like complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313104080
NCBI GeneID	10902
UniProt Accession #	Q9H0E9
Molecular Weight	Observed: 120 kDa Predicted: 136 kDa
NCBI Official Full Name	Bromodomain-containing protein 8
NCBI Official Synonym Full Names	bromodomain containing 8
NCBI Official Symbol	BRD8
NCBI Official Synonym Symbols	SMAP; p120; SMAP2
NCBI Protein Information	bromodomain-containing protein 8
UniProt Protein Name	Bromodomain-containing protein 8
UniProt Gene Name	BRD8
UniProt Synonym Gene Names	SMAP; SMAP2; TrCP120
UniProt Entry Name	BRD8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brd8-antibody-western-blot-elisa/328791>