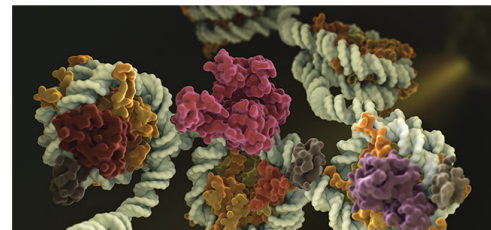


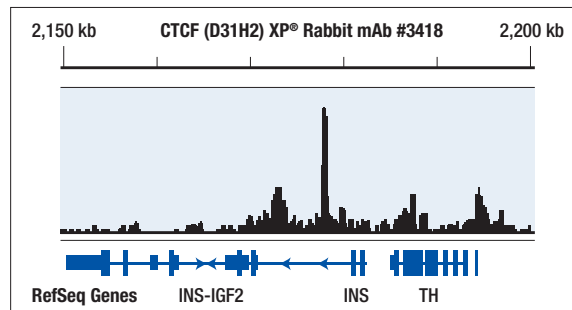
CELL SIGNALING TECHNOLOGY

CST Antibodies Validated for ChIP-seq



Why you should choose ChIP-seq antibodies from CST

- **Recombinant Rabbit Monoclonal Antibodies:** provide greater lot-to-lot reproducibility
- **Optimized Protocol:** validated and optimized using the SimpleChip® Enzymatic Chromatin IP protocol, saving you time and money
- **Target Specificity:** tested and validated across multiple applications, providing reduced non-specific binding and high signal-to-noise ratio
- **Compatibility:** compatible with other protocols, allowing for use in ChIP kits from CST or other suppliers, and in customized lab protocols
- **Technical Support:** expert support available from the same scientists who developed and validated the antibodies



ChIP-seq Antibodies

		APPLICATIONS	REACTIVITY
#13440	BRD4 (E2A7X) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, (B, Dg, Pg)
#14910	BRD7 (D9K2T) Rabbit mAb (ChIP Formulated)	ChIP, ChIP-seq	H
#49360	Brg1 (D1Q7F) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk
#12137	Brn2/POU3F2 (D2C1L) Rabbit mAb	WB, IP, IF-F, ChIP, ChIP-seq	H, M, R
#8814	Non-phospho (Active) β -Catenin (Ser33/37/Thr41) (D13A1) Rabbit mAb	WB, IP, IHC-P, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, (C, X, Z, B, Dg, Pg, Hr, Guinea Pig)
#7425	CBP (D9B6) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk
#9197	CREB (48H2) Rabbit mAb	WB, IP, IHC-P, IF-F, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, Dm
#3418	CTCF (D31H2) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, ChIP, ChIP-seq	H, M, R, Mk, (B, Hr)
#8644	Estrogen Receptor α (D8H8) Rabbit mAb	WB, IP, IF-IC, ChIP, ChIP-seq	H
#5246	Ezh2 (D2C9) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk
#58613	FoxA1/HNF3 α (D7P9B) Rabbit mAb	WB, ChIP, ChIP-seq	H, M, R, Mk
#12041	Glucocorticoid Receptor (D6H2L) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk
#14179	HIF-1 α (D2U3T) Rabbit mAb	WB, ChIP, ChIP-seq	H, M, R, Mk
#5326	Mono-Methyl-Histone H3 (Lys4) (D1A9) XP® Rabbit mAb	WB, IF-IC, ChIP, ChIP-seq	H, M, R, Mk, (Dm)
#9751	Tri-Methyl-Histone H3 (Lys4) (C42D8) Rabbit mAb	WB, IHC-P, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, Sc, Dm, (X, Z)
#13969	Tri-Methyl-Histone H3 (Lys9) (D4W1U) Rabbit mAb	WB, IP, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, (B)
#9733	Tri-Methyl-Histone H3 (Lys27) (C36B11) Rabbit mAb	WB, IHC-P, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, (X, Z)
#4909	Tri-Methyl-Histone H3 (Lys36) (D5A7) XP® Rabbit mAb	WB, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, (C, Hm, B, Dm, X, Z)
#8676	HP1 β (D2F2) XP® Rabbit mAb	WB, IP, IF-IC, ChIP, ChIP-seq	H, M, R, Mk, (Hm, B)
#97800	MITF (D3B4T) Rabbit mAb	WB, ChIP, ChIP-seq	H, M, Mk
#13987	c-Myc (D3N8F) Rabbit mAb	WB, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk
#5232	Nanog (D73G4) XP® Rabbit mAb (ChIP Formulated)	ChIP, ChIP-seq	H
#5677	Oct-4A (C30A3C1) Rabbit mAb (ChIP Formulated)	ChIP, ChIP-seq	H, M
#5694	RING1B (D22F2) XP® Rabbit mAb	WB, IP, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk
#13499	Phospho-Rpb1 CTD (Ser2) (E1Z3G) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk, (Hm, Dm, X, Z, B, Pg, Sc, Ce)
#13546	Phospho-Rpb1 CTD (Ser2/Ser5) (D1G3K) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk, (Hm, Dm, X, Z, B, Pg, Sc, Ce)
#13523	Phospho-Rpb1 CTD (Ser5) (D9N5I) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk, (Hm, Dm, X, B, Pg, Sc, Ce)
#13780	Phospho-Rpb1 CTD (Ser7) (E2B6W) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, M, R, Mk
#14958	Rpb1 NTD (D8L4Y) Rabbit mAb	WB, ChIP, ChIP-seq	H, M, R, Mk, (Hm, B)
#8685	Smad2/3 (D7G7) XP® Rabbit mAb	WB, IP, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk
#7649	Phospho-Stat1 (Tyr701) (D4A7) Rabbit mAb	WB, IP, IF-IC, F, ChIP, ChIP-seq	H, M, R, (Mk)
#3737	SUZ12 (D39F6) XP® Rabbit mAb	WB, IP, IF-IC, ChIP, ChIP-seq	H, M, R, Mk, (Pg, Hr)
#2569	TCF4 (C48H11) Rabbit mAb	WB, IP, ChIP, ChIP-seq	H, (M, C)
#14074	YAP (D8H1X) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F, ChIP, ChIP-seq	H, M, R, Hm, Mk, (B, Hr, Guinea Pig)

APPLICATIONS: WB: Western Blotting | IP: Immunoprecipitation | IHC: Immunohistochemistry | IF: Immunofluorescence | F: Flow Cytometry | ChIP: Chromatin Immunoprecipitation | -IC: Immunocytochemistry | -P: Paraffin | -F: Frozen
E-P: Peptide ELISA **SPECIES CROSS-REACTIVITY:** H: human | M: mouse | R: rat | Hm: hamster | Mk: monkey | Mi: mink | C: chicken | Dm: D. melanogaster | X: Xenopus | Z: zebra fish | B: bovine | Dg: dog | Pg: pig | Sc: S. cerevisiae
Ce: C. elegans | Hr: horse | All: all species expected | (): 100% sequence homology

For the most up-to-date list of ChIP-seq validated antibodies go to:
www.cellsignal.com/ChIPseqAb



Cell Signaling
TECHNOLOGY®

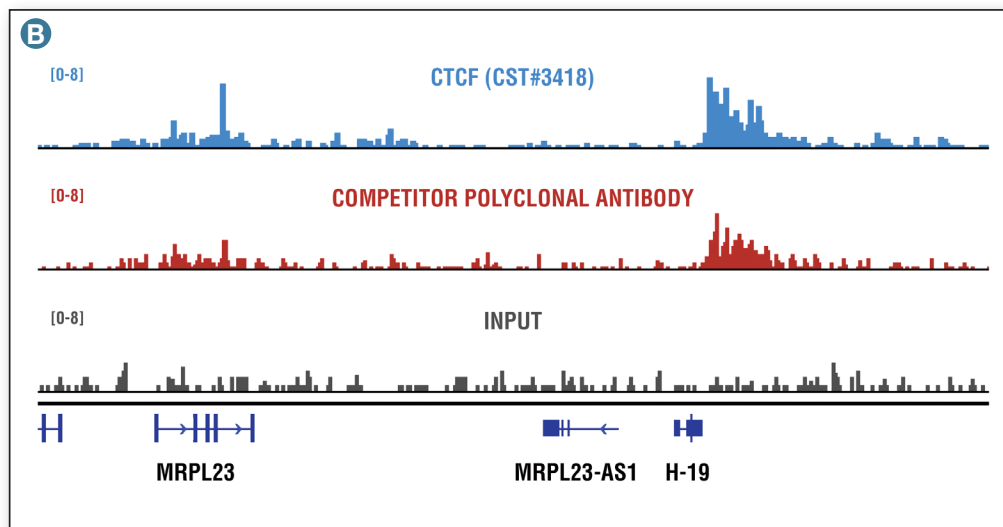
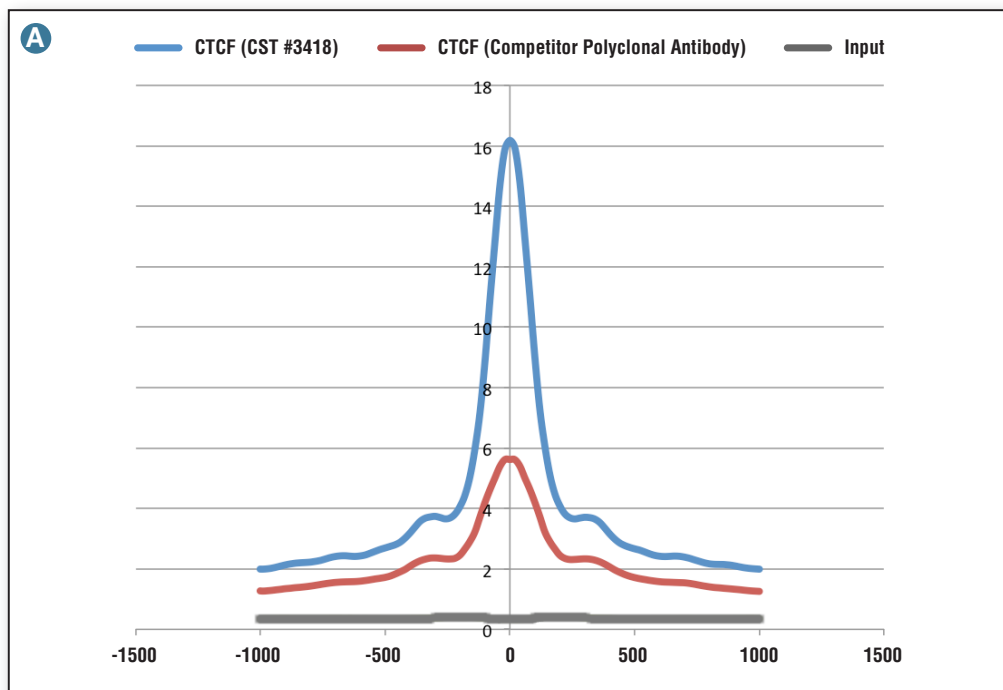
CST Antibodies Validated for ChIP-seq

Check out our competitor comparison data

CTCF (D31H2) XP®
Rabbit mAb #3418
has a higher signal
to noise ratio than
the Competitor
Polyclonal Antibody

CTCF (D31H2) XP® Rabbit mAb #3418:

ChIP was performed with cross-linked chromatin from 4×10^6 HeLa cells and either 1 μ g of #3418 or 1 μ g of Competitor Polyclonal Antibody, using SimpleChIP® Plus Enzymatic Chromatin IP Kit (Magnetic Beads) #9005. DNA Libraries were prepared from 5 ng enriched ChIP DNA using NEBNext® Ultra™ II DNA Library Prep Kit for Illumina® and sequenced on the Illumina NextSeq. The CST recombinant rabbit monoclonal antibody provides higher signal and lower background than the Competitor Polyclonal Antibody in both whole genome analysis (Figure A) and localized gene analysis (Figure B).



To see all competitor comparison data and our complete portfolio of ChIP-seq antibodies, please visit:

www.cellsignal.com/ChIPseq

YOUR CST ACCOUNT REPRESENTATIVE:

www.cellsignal.com

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