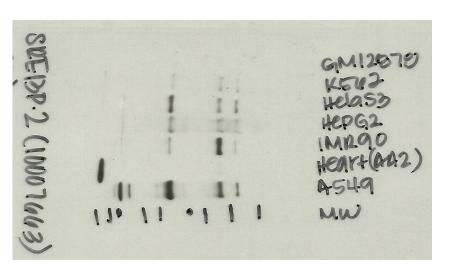
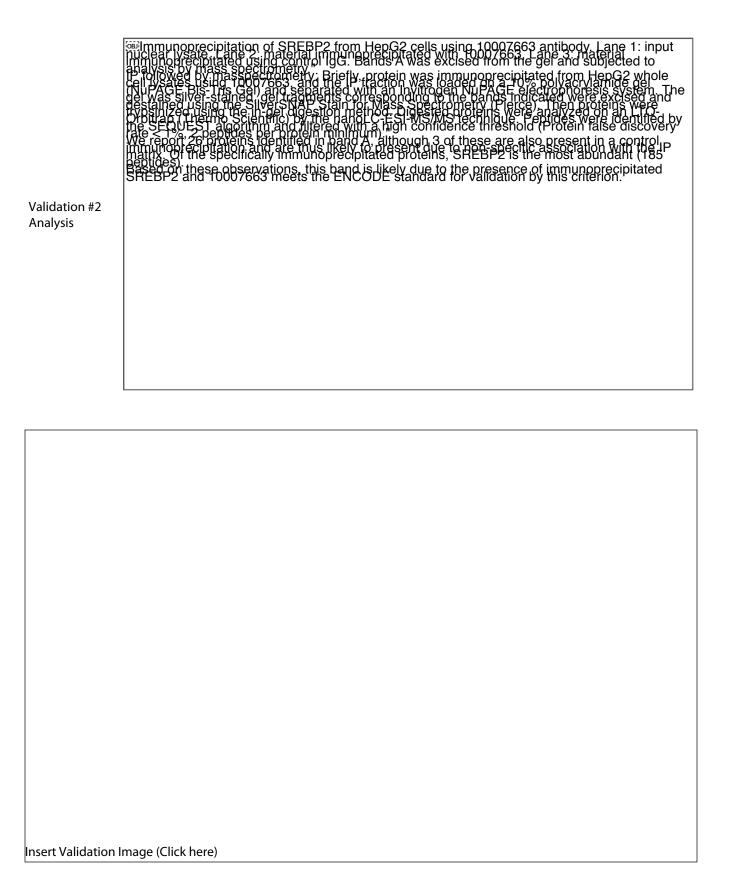
ENCODE DCC Antibody Validation Document

Date of Sub	mission [09/12/12							
Name: Tru	pti Kawli] Ema	ail: tru	pti@stanf	ord.ed	u	
ranic.]		F © G			
		Lab	Snyder						
Antibody Na	ame: SRE	BP2 (10007663)		Та	arget:	SREBP2			
		Compar Source:	Cayman	Chem	ical				
Catalog Numb	oer, databa	se ID, laboratory	10007663			Lot Numbe	er 042	24883-1	
Antibody Description:	ASTPULTABLE	ikvk idepi beolyf	onal antibody numan SREB	raised	agains	t amino a	cids 45	55-469	
Target Description:	SREBP-2 eductase of Various of Parious Synthesis	regulates cholest dissues. Under ba dissues. Under ba dissella under ba discolesterol.	erol synthesis es prondition salcondition les hucleus to	by act esterol stimul	ivating Pishi Pishi le piol ate trai	the transc tic pathwi jung to Ef iscription	ription 7 mem of gene	-greens for HMG-C branes as a glycosyl lis involved in the upt	QAtected AFS0-68 ake and
Spe	ecies Targe	t Human		Sį	pecies I	Host Rab	bit		
Val	idation Me	thod #1 Western	Blot	V	alidatio	n Method	#2 IP-I	Mass Spec	
	rification thod	Affinity			olyclon Ionoclo		lonal		
		Vendor URL:	https://w	ypy cay	manch	an 188796	pp/663	3	
Reference (PI/ Publication Information)									
	ns are not list	ing for antibodies ed in the drop-down i information		dificatio	ons:				
Histone Name		AA modified			AA	N Position		Modification	

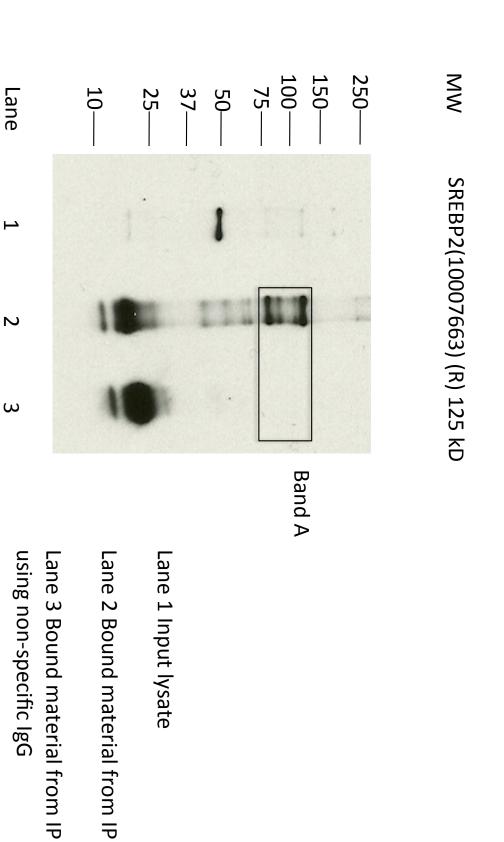
	Western blots on nuclear lysates from cell lines GM12878, K562, HeLaS3, HepG2, IMR90 as indicated in manufacturer product sheet Bands in the sheet Bands of the sheet
	analyzed farmer by it islands opec.
Validation #1	
Analysis	
Insert Validation I	mage (click here)



anti SREBP2 antibody from Cayman Chemicals K562, HelaS3, HepG2, IMR90, Human Heart, A549 using Western Blot analysis of nuclear extracts from GM12878, (10007663). Expected protein band 50-68, 126 kD



Immunoprecipitation assay (IP) + mass spectrometry assay



Spectrum	Name of Protein	Count of Peptides	Ratio (SREBP2/IgG Control)
SREBP2 Band A	Sterol regulatory element-binding protein 2	185	NOT IN CONTROL IP
SREBP2 Band A	Isoform 1 of Myosin-9	41	NOT IN CONTROL IP
SREBP2 Band A	Isoform 1 of Myosin-10	32	NOT IN CONTROL IP
SREBP2 Band A	Endoplasmin	22	4.4
SREBP2 Band A	HNRPU protein	14	3.5
SREBP2 Band A	Isoform 1 of Alsin	14	NOT IN CONTROL IP
SREBP2 Band A	Isoform 5 of Interleukin enhancer-binding factor 3	14	NOT IN CONTROL IP
SREBP2 Band A	Isoform 2 of Protein LAS1 homolog	12	NOT IN CONTROL IP
SREBP2 Band A	Isoform 5 of SUN domain-containing protein 1	12	NOT IN CONTROL IP
SREBP2 Band A	Isoform Long of Spectrin beta chain, brain 1	12	NOT IN CONTROL IP
SREBP2 Band A	Isoform 5 of Fibronectin	11	NOT IN CONTROL IP
SREBP2 Band A	testis-expressed sequence 10 protein isoform 2	11	NOT IN CONTROL IP
SREBP2 Band A	ATP-dependent RNA helicase A	9	NOT IN CONTROL IP
SREBP2 Band A	Vimentin	9	NOT IN CONTROL IP
SREBP2 Band A	WD repeat and HMG-box DNA-binding protein 1	9	NOT IN CONTROL IP
SREBP2 Band A	Isoform 2 of Paternally-expressed gene 3 protein	∞	NOT IN CONTROL IP
SREBP2 Band A	HEAT repeat-containing protein 1	7	NOT IN CONTROL IP
SREBP2 Band A	Leucine-rich PPR motif-containing protein, mitochondrial	7	NOT IN CONTROL IP
SREBP2 Band A	Actin, alpha skeletal muscle	6	NOT IN CONTROL IP
SREBP2 Band A	Heat shock protein HSP 90-beta	6	6
SREBP2 Band A	Isoform 3 of DNA repair protein RAD50	6	NOT IN CONTROL IP
SREBP2 Band A	alpha-actinin-1 isoform c	Q	NOT IN CONTROL IP
SREBP2 Band A	Isoform 3 of Spectrin alpha chain, brain	CJ	NOT IN CONTROL IP
SREBP2 Band A	Heat shock protein 75 kDa, mitochondrial	4	NOT IN CONTROL IP
SREBP2 Band A	Topoisomerase II beta	4	NOT IN CONTROL IP
SREBP2 Band A	Isoform 1 of Alsin	2	NOT IN CONTROL IP