

TRAF1 is a Key Mediator for Hepatic Ischemia/Reperfusion Injury

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Supporting Tables

Supporting Table 1. Serum Cytokine Assay Kits.

Item	Manufacturer	Cat No.
RayBio® Mouse IL-1 β ELISA Kit	RayBio	ELM-IL1beta-001
Mouse IL-10	Invitrogen	KMC0101
Mouse IL-2	Invitrogen	KMC0021
Mouse IL-6	Invitrogen	KMC0061
Mouse TNF- α	Peprotech	900-K54

Supporting Table 2. Primers for Real-time PCR Detection and Plasmid Construction.

Genes		Sequence 5'---3'
GAPDH	Forward	ACTCCACTCACGGCAAATTC
	Reverse	TCTCCATGGTGGTGAAGACA
IL-1 β	Forward	CCGTGGACCTTCCAGGATGA
	Reverse	GGGAACGTCACACACCAGCA
IL-6	Forward	AGTTGCCTTCTTGGGACTGA
	Reverse	TCCACGATTTCCCAGAGAAC
TNF- α	Forward	CATCTTCTCAA AATTCGAGTGACAA
	Reverse	TGGGAGTAGACAAGGTACAACCC
IL-2	Forward	CCTGAGCAGGATGGAGAATTACA
	Reverse	TCCAGAACATGCCGCAGAG
IL-10	Forward	CCAAGCCTTATCGGAAATGA
	Reverse	TTTTCACAGGGGAGAAATCG
IFN- γ	Forward	TGCCAAGTTTGAGGTCAACAACCCA
	Reverse	ACCCCGAATCAGCAGCGACT
caspase3	Forward	ACTCTTCATCATT CAGGCCTGCCG
	Reverse	TGGATGAACCACGACCCGTCCT
Bcl2	Forward	TGGTGGACAACATCGCCCTGTG
	Reverse	GGTCGCATGCTGGGGCCATATA
PCNA	Forward	AGATGCCGTCGGGTGAATTTGC
	Reverse	TCCATTGCCAAGCTCTCCACT
cyclinD1	Forward	TGTGCTGCGAAGTGGAGACCAT
	Reverse	ACTTCTGCTCCTCACAGACCTCCA
CycinE1	Forward	TCTTCGTGCAGATCGCAGAGCT
	Reverse	AACCATGGCGAACGGAACCAT
TRAF1-5'		CGCGGATCCATGGCCTCCAGCTCAGCCCCT
TRAF1-3'		CCGCTCGAGCTAAGCACTAGTGTCACAATGC

TRAF1-N-3'	CCG <u>CTCGAG</u> CTAAGTACCATCAAAGGATGCCTC
TRAF1-C-5'	CGC <u>GGATCC</u> ACTTTCCTGTGGAAGATCACC
ASK1-5'	CGC <u>GGATCCGTCGAC</u> ATGAGCACGGAGGCGGACGA
ASK1-3'	ACGCG <u>TCGACT</u> CAAGTCTGTTTGTTCGAAA
ASK1-N1-3'	ACGCG <u>TCGACT</u> CAATCATATTCATAGTCATACT
ASK1-C1-5'	CGC <u>GGATCC</u> GATGAAAATGGTGACAGAGT
ASK1-C1-3'	ACGCG <u>TCGACT</u> CACTCATCAACAAGCAAGTCGT
ASK1-C2-5'	GGA <u>AGATCT</u> GAGTTTTTAAAAGTTTCAAGCAA

Supporting Table 3. Antibodies for Immunoblot Analyses.

Antibody	Cat No.	Manufacturer	MW(kDa)	Dilution
GAPDH(14C10)	2118	Cell Signaling Technology	37	1:1000
IκBα(L35A5)	4814	Cell Signaling Technology	39	1:1000
p-IκBα(ser32/36)	9246	Cell Signaling Technology	40	1:1000
p-NF-κB p65(Ser536)	3033	Cell Signaling Technology	65	1:1000
NFκBp65	4764	Cell Signaling Technology	65	1:1000
Bcl-2(50E3)	2870	Cell Signaling Technology	26	1:1000
cleaved-Caspase3(asp175)	9661	Cell Signaling Technology	17	1:1000
Caspase-3	9662	Cell Signaling Technology	35	1:1000
P-SAPK/JNK(Thr183/Tyr185)	4668	Cell Signaling Technology	46,54	1:1000
JNK1/2	9258	Cell Signaling Technology	46,54	1:1000
SEK1/MKK4	9152	Cell Signaling Technology	41	1:1000
p-SEK1/MKK4 (Ser257)	4514	Cell Signaling Technology	41	1:1000
PCNA	2586	Cell Signaling Technology	36	1:1000
Bax	2772	Cell Signaling Technology	20	1:1000
p-c-Jun(S63)	BS4045	Bioworld	48	1:1000
p-c-Jun(S73)	BS4046	Bioworld	48	1:1000
Cyclin E (I119)	BS1085	Bioworld	55	1:1000
p-ASK1(Ser966)	sc101634	Santa Cruz	155	1:200
ASK(H300)	sc7931	Santa Cruz	155	1:200
TRAF1	4715	Cell Signaling Technology	50	1:1000
Bcl-XL	2764	Cell Signaling Technology	30	1:1000
Bad	9292	Cell Signaling Technology	23	1:1000
Bak	3814	Cell Signaling Technology	25	1:1000
Bid	2003	Cell Signaling Technology	22	1:1000
Cyt C	4280	Cell Signaling Technology	14	1:1000
LDH	Ab53010	Abcam	36	1:2000
COX II	sc-23983	Santa Cruz	20	1:200