

Supplementary tables

CXADR-Mediated Formation of an AKT Inhibitory Signalosome at Tight Junctions Controls Epithelial-Mesenchymal Plasticity in Breast Cancer

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Contents:

- Page 2-3: Supplementary Table 1 (antibodies)
- Page 4: Supplementary Table 2 (plasmids)
- Page 5: Supplementary Table 3 (human tumor samples)

Table S1: List of antibodies

Name	Company	Cat. #	Applications
1° antibodies			
mCAR (G)	R&D system	AF2654	IF,IHC,WB,PLA
hCAR (G)	R&D system	AF3336	IF,IHC,WB
Magi-1 (M)	Santa Cruz	100326	IF,WB,IP,PLA
Magi-1 (Rb)	Atlas	HPA031853	IF,IHC
PhLPP2 (Rb)	Bethyl	A300-661A	IF,IHC,WB,IP,PLA
PTEN (Rb)	Cell Signaling	9188	IF,IHC,WB,IP,PLA
pPTEN (Rb)	Cell Signaling	9554	WB
E-cadherin(M)	BD Biosciences	610182	IF,IHC,WB,PLA
Vimentin (Rb)	Cell Signaling	5741	IF,WB
N-cadherin(M)	Abcam	98952	WB
Twist (M)	Santa Cruz	81417	IF,WB
pAKT (Rb)	Cell Signaling	4060	WB
AKT (Rb)	Cell Signaling	2938	WB
pErk1/2 (Rb)	Cell Signaling	4370	WB
Erk1/2 (M)	Cell Signaling	4695	WB
pp38 (Rb)	Cell Signaling	4511	WB
p38 (M)	Santa Cruz	7972	WB
pSmad3(Rb)	Cell Signaling	9520	WB
Smad3(Rb)	Cell Signaling	9523	WB

pGSK3b (Rb)	Cell Signaling	5558	WB
GSK3b (Rb)	Cell Signaling	12456	WB
Occludin(Rb)	Zymed	711500	WB
HA-Prob (M)	Santa Cruz	7392	WB,IP
CAR (RmcB, M)	Millipore	05-644	IP
GFP (Chik)	Abcam	13970	WB
2° antibodies			
Normal Mouse IgG	Santa Cruz	2025	IP
Normal Rabbit IgG	Santa Cruz	2027	IP
rabbit HRP IgG	Cell Signaling	7074	WB
Mouse HRP IgG	Cell Signaling	7076	WB
Goat HRP IgG	vectorlabs	PI-9500	WB
Anti-Goat IgG (H+L) DyLight 488	Thermo Scientific	SA5-10086	IF,IHC
Anti-Rabbit IgG (H+L) DyLight 594	Thermo Scientific	SA5-10040	IF,IHC
Anti-Mouse IgG (H+L)Alexa Fluor 647	Thermo Scientific	A-31571	IF,IHC
Anti-Rabbit IgG (H+L)Alexa Fluor 594	Thermo Scientific	A-11037	IF
Anti-Mouse IgG (H+L)Alexa Fluor 488	Thermo Scientific	A-11029	IF

Table S2: List of plasmids

Name	Source
pcDNA3.1-MAGI1-WT	Dr. Yuichi Ono, KAN Research Institute Kobe MI R&D Center Japan
pcDNA3.1-MAGI1-ΔP0	--
pcDNA3.1-MAGI1-ΔP1	--
pcDNA3.1-MAGI1-ΔP2	--
pcDNA3.1-MAGI1-ΔP3	--
pcDNA3.1-MAGI1-ΔP4	--
pcDNA3.1-MAGI1-ΔP5	--
peGFP-MAGI-1b	Dr. Joseph Zabner, University of IOWA
pSG5L-HA-PTEN	Addgene (#10750)
pcDNA3.1-PHLPP2	Mouse PHLPP2 cDNA (Dharmacon/GE Healthcare), cloned into pcDNA3.1
pBK-CMV-CXADR	See ref; (1)
pcDNA3.1-control	Dharmacon/GE Healthcare

1. Tomko RP, Xu R, Philipson L. HCAR and MCAR: the human and mouse cellular receptors for subgroup C adenoviruses and group B coxsackieviruses. Proc Natl Acad Sci U S A **1997**;94:3352-6

Table S3: List of human tumor samples

Tumor#	ER	PR	Her2.amp	Ki67
1	+	+	-	Low
2	+	+	-	High
3	+	+	-	Low
4	+	+	-	Low
5	+	+	-	Low
6	+	+	-	Low
7	+	+	-	Low
8	-	-	-	High
9	-	-	-	High
10	-	-	-	High
11	-	-	-	High
12	-	-	-	High
13	-	-	-	High
14	-	-	-	High