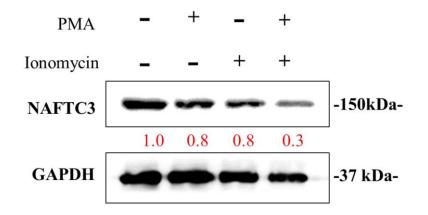
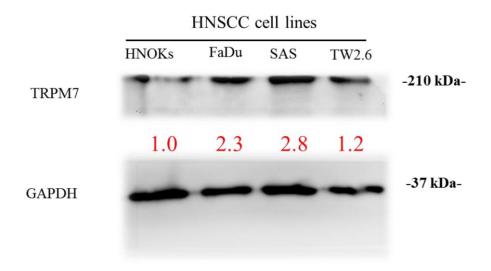
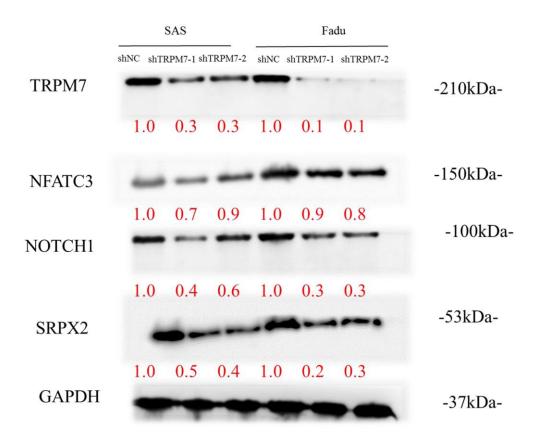
## SUPPLEMENTARY FIGURES



**Supplementary Figure 1. Immunoblotting analyses of NFATc3 protein expression levels in SAS cells.** Cells stimulated with PMA (20 ng/ml), ionomycin (1 mg/ml) for 60 min.



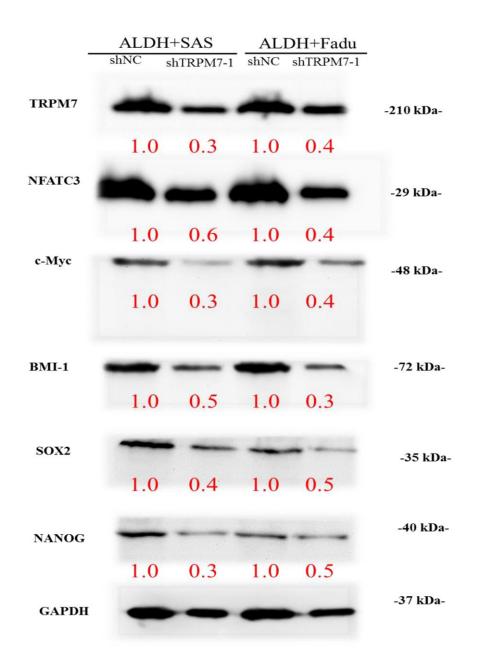
Supplementary Figure 2. Full-size blots of Figure 2A.



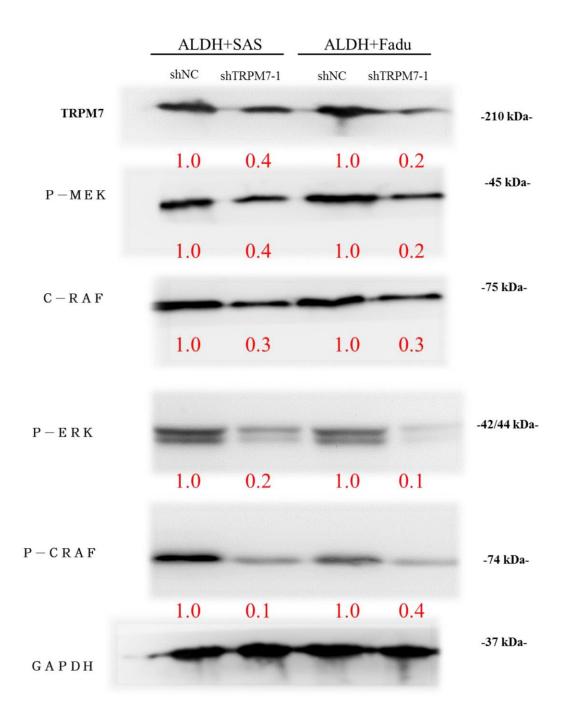
Supplementary Figure 3. Full-size blots of Figure 2B.

SAS		_
shNC	shTRPM7-1	-
1.0	0.5	-210kDa-
0.2	1.0	-140kDa-
1.0	0.5	-130kDa-
1.0	0.5	-60kDa-
1.0	0.3	-30kDa-
1.0	0.8	-30kDa-
-	-	-37kDa-
	shNC 1.0 0.2 1.0 1.0 1.0	shNC shTRPM7-1   1.0 0.5   0.2 1.0   1.0 0.5   1.0 0.5   1.0 0.5   1.0 0.5

Supplementary Figure 4. Full-size blots of Figure 2F.



Supplementary Figure 5. Full-size blots of Figure 3D.



Supplementary Figure 6. Full-size blots of Figure 4D.