

Supplementary Figure 1

ANTIBODY	WB (lysates of overexpressing cells)												
	BLEED	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
Rab3 pThr86 (SA082)		GOOD SIGNAL	GOOD SIGNAL	WEAK SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE
Rab5 pSer84 (S942D)		WEAK SIGNAL	WEAK SIGNAL	GOOD SIGNAL	WEAK SIGNAL	GOOD SIGNAL	GOOD SIGNAL	NO SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL
Rab7L1 (Rab29) pThr71 (S877D)		NO SIGNAL	NO SIGNAL	NO SIGNAL	WEAK SIGNAL	WEAK SIGNAL	NO SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	BLEED NOT AVAILABLE
Rab7L1 (Rab29) pSer72 (SA136)		NO SIGNAL	NO SIGNAL	WEAK SIGNAL	GOOD SIGNAL	GOOD SIGNAL	NO SIGNAL	GOOD SIGNAL	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE
Rab8 pThr72 (S874D)		WEAK SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	WEAK SIGNAL	GOOD SIGNAL	GOOD SIGNAL
Rab10 pThr73 (S873D)		WEAK SIGNAL	WEAK SIGNAL	WEAK SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL
Rab12 pSer106 (S876D)		GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	BLEED NOT AVAILABLE
Rab35 pThr72 (SA083)		NO SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE
Rab43 pThr82 (SA334)		GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	GOOD SIGNAL	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE	BLEED NOT AVAILABLE

GOOD SIGNAL
  WEAK SIGNAL
  NO SIGNAL
  BLEED NOT AVAILABLE

**Supplementary Figure 1.** Summary of performance of sheep polyclonal antibodies described in Table 1. All bleeds of each antibody were evaluated by immunoblot analysis and ranked by the indicated scoring system.