

### Supplemental Table S2

Multivariate linear regression analysis for the serum RbAp46 level in lung cancer and non-cancer patients

Variable		Regression coefficient	Standard error	<i>p</i>	<i>r</i> <sup>2</sup>
Constant		23.974	1.883	<0.001	
Smoke	yes	-9.157	2.509	<0.001	0.062
	no	reference			
Lung cancer	yes	14.493	2.475	<0.001	0.115
	no	reference			

Stepwise selection method is used for analysis via the following criteria: the variable is entered for analysis if the probability is  $\leq 0.05$ , and removed if the probability is  $\geq 0.1$ . Excluded variable: gender ( $p=0.675$ )

### Supplemental Table S3

Multivariate linear regression analysis for serum levels of RbAp46 in NSCLC patients

Variable		Regression coefficient	Standard error	<i>p</i>	<i>r</i> <sup>2</sup>
Constant		29.350	2.839	<0.001	
Smoke	yes	-5.858	2.941	0.049	0.033
	no	reference			
Distant metastasis	yes	12.389	2.991	<0.001	0.184
	no	reference			

Stepwise selection method is used for analysis by following criteria: the variable is entered for analysis if the probability is  $\leq 0.05$ , and removed if the probability is  $\geq 0.1$ . Excluded variables: gender ( $p=0.570$ ), histology ( $p=0.517$ )