**Table.S1** The statistical analysis of IC50 value

|  |  |  |  |
| --- | --- | --- | --- |
|  | DPPH | Hydroxyl radical | ABTS |
| CBL1 | 0.1447±0.0057 a | \*\*1.3467±0.0950 c | \*\*0.3613±0.0110 b |
| CBL1-1 | \*\*0.3203±0.0216 b | \*\*0.1857±0.0264 a | \*\*0.9413±0.0211 c |
| CBL9 | \*0.1506±0.0315 a | 0.8313±0.0222 b | \*\*1.1433±0.0945 d |
| CBL11 | \*\*0.7013±0.0342 c | 0.7920±0.3124 b | \*\*0.3780±0.0338 b |
| CBL12 | 0.1057±0.0001 a | \*\*0.1913±0.0184 a | 0.1297±0.0632 a |
| CBL12-2 | \*\*0.2937±0.0414 b | 1.0457±0.0774 b | 0.1186±0.0762 a |
| Ascorbic acid | 0.1032±0.0003 a | 0.9446±0.0554 b | 0.1093±0.0034 a |

Note: ’\*’ represent P<0.05, have significant difference; ’\*\*’ represent P<0.01, have most significant difference; with no ’\*’ represent have no significant difference (compare with ascorbic acid)。Different letters represent a similar subset at 0.05 significance level ( P<0.05, n=3).