| PG(nM) | LN229 |
|--------|-------|
| 0      |       |
| 50     |       |
| 100    |       |
| 200    |       |

| Protein | Molecular Weight |
|---------|------------------|
| P21     | 21kDa            |
| P53     | 53kDa            |
| p-Akt   | 60kDa            |
| Akt     | 60kDa            |
| β-actin | 45kDa            |

**Figure 2d Repetition 3**
| PG(nM) | 0 | 50 | 100 | 200 |
|-------|---|----|-----|-----|
| KIAA1524 |  |    |     |     |
| β-actin |    |    |     |     |

**LN229**

- **KIAA1524**
  - 90kDa

- **β-actin**
  - 45kDa

**90kDa**

**45kDa**
figure 3c

U251

PG(nM) 0 50 100 200

KIAA1524

β-actin

KIAA1524

actin

45kDa

90kDa
Figure 3d repetition 2

| LN229 |   |   | + | + |
|-------|---|---|---|---|
| PG    | - | - | + | + |
| Flag  | + | - | - | - |
| Flag-KIAA1524 | - | + | - | + |

| Protein | 90kDa | 60kDa | 60kDa | 53kDa | 21kDa | 45kDa |
|---------|-------|-------|-------|-------|-------|-------|
| KIAA1524|       |       |       |       |       |       |
| p-Akt   |       |       |       |       |       |       |
| Akt     |       |       |       |       |       |       |
| P53     |       |       |       |       |       |       |
| P21     |       |       |       |       |       |       |
| β-actin |       |       |       |       |       |       |
| actin   |       |       |       |       |       |       |
Figure 3d: Repetition
**figure 5b**

- **CHX+PG**
  - **KIAA1524**
  - **β-actin**

| Time (h) | PG+CHX | KIAA1524 | β-actin |
|----------|--------|----------|---------|
| 0        |        |          |         |
| 3        |        |          |         |
| 6        |        |          |         |
| Tumors treated with |  |  |
|---------------------|------------------|
| Prodigiosin         | KIAA1524         |
| 45kDa               |                |
| Vehile              | β-actin          |
| 90kDa               |                |

**Figure 6e**

Repetition 2
figure S1a
U251

| PG(nM) | 0 | 50 | 100 | 200 |
|-------|---|----|-----|-----|
| P21   |   |    |     |     |
| P53   |   |    | 53kDa |     |
| p-Akt |   |    | 60kDa |     |
| Akt   |   |    | 60kDa |     |
| β-actin | | | 45kDa |     |

P21: 21kDa
P53: 53kDa
p-Akt: 60kDa
Akt: 60kDa
β-actin: 45kDa
figure S2a

|       | U251 | LN229 | A172 |
|-------|------|-------|------|
| **PG** | -    | +     | -    | +    |
| **PTEN** |      |       |      |      |
| **PHLPP** |      |       |      |      |
| **β-actin** |      |       |      |      |

54kDa
147kDa
45kDa

54kDa
147kDa
45kDa
figure S2b

| PG(nM) | 0   | 50  | 100 | 200 |
|--------|-----|-----|-----|-----|
| A172   |     |     |     |     |
| KIAA1524 |    |     |     |     |
| β-actin |    |     |     |     |

KIAA1524

β-actin

90kDa

45kDa

90kDa

45kDa