

## Product datasheet for AP02767PU-S

## **DOK1 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** IHC, WB

Recommended Dilution: Western Blot: 1/500~1/1000.

Immunohistochemistry: 1/50-1/100.

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

The antiserum was produced against synthesized non-phosphopeptide derived from Human Immunogen:

p62Dok (aa 360~364) around the phosphorylation site of Tyrosine 362 (P-I-Yp-D-E).

Specificity: p62Dok antibody detects endogenous levels of total p62Dok protein.

Formulation: PBS (without Mg2+ and Ca2+), pH 7.4 containing 150mM NaCl, 0.02% Sodium Azide as

preservative and 50% Glycerol.

State: Aff - Purified

State: Liquid purified IgG fraction.

Concentration: lot specific

**Purification:** Afinity Chromatography using epitope-specific immunogen.

Conjugation: Unconjugated

Store the antibody undiluted (in aliquots) at -20°C. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: docking protein 1

Database Link: Entrez Gene 1796 Human

Q99704

Background: DOK1 (Downstream of tyrosine kinase 1, or p62Dok) is believed to be a mainly cytoplasmic

> adaptor protein which down-regulates mitogen-activated protein kinase activation, inhibits cell proliferation and transformation, and promotes cell spreading and cell migration. DOK1

appears to be a negative regulator of the insulin signaling pathway.

Synonyms: Docking protein 1, pp62, p62(dok)



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## **Product images:**

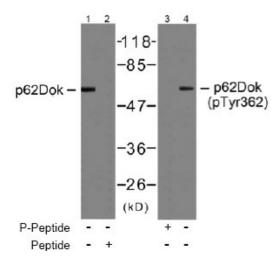


Figure 2. Western blot analysis of extracts from Jurkat cells, using p62Dok antibody (Line 1 and 2) and p62Dok (pTyr362) antibody (Line 3 and 4).

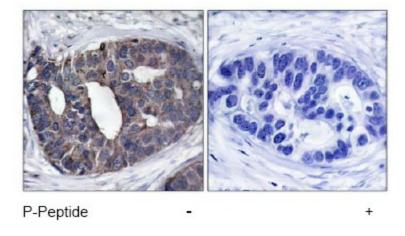


Figure 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok antibody.