

## DOCK4 Rabbit pAb

CatalogNo: YN3565

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 216kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human DOCK4 AA range: 533-583

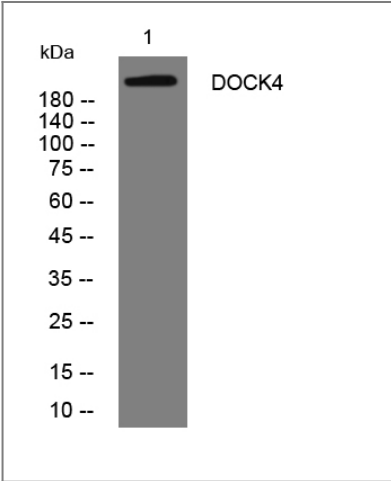
**Specificity** This antibody detects endogenous levels of DOCK4 at Human/Mouse

### Target Information

**Gene name** DOCK4 KIAA0716

<b>Protein Name</b>	DOCK4		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">9732;</a>	<a href="#">Q8N110;</a>
	Mouse	<a href="#">238130;</a>	<a href="#">P59764;</a>
<b>Cellular Localization</b>	Cell membrane . Cell projection . Cytoplasm, cytosol . Colocalizes with EPHA2, RHOG and CTTN/cortactin at the tip of protrusions in migrating cells. .		
<b>Tissue specificity</b>	Widely expressed at low level. Highly expressed in skeletal muscle, prostate and ovary. ; [Isoform 2]: May be specifically expressed in the brain and eye.		
<b>Function</b>	Disease:Defects in DOCK4 are involved in the cause of some cancers, which are probably due to lack of Rap1 activation.,Domain:The DHR-2 domain probably mediates the GEF activity.,Function:Involved in regulation of adherens junction between cells. Functions as a guanine nucleotide exchange factor (GEF), which activates Rap1 small GTPase by exchanging bound GDP for free GTP.,miscellaneous:Injection of wild-type protein suppresses tumor invasion in osteosarcoma mouse cell lines while it is not the case with the Leu-1718 variant.,similarity:Belongs to the DOCK family.,similarity:Contains 1 DHR-1 (CZH-1) domain.,similarity:Contains 1 DHR-2 (CZH-2) domain.,similarity:Contains 1 SH3 domain.,subunit:Interacts with the SH3 domain of CRK. Interacts with nucleotide-free Rap1.,tissue specificity:Widely expressed at low level. Highly expressed in skeletal muscle, prostate and ovary.,		

Validation Data



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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**DOCK4 Rabbit pAb**

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