

## Dok-3 Polyclonal Antibody

| Catalog No :            | YT1397  |
|-------------------------|---|
| Reactivity :            | Human;Mouse   |
| Applications :          | WB;IHC;IF;ELISA   |
| Target :                | Dok-3   |
| Gene Name :             | DOK3  |
| Protein Name :          | Docking protein 3   |
| Human Gene Id :         | 79930   |
| Human Swiss Prot        | Q7L591  |
| No :<br>Mouse Gene Id : | 27261   |
| Mouse Swiss Prot        | Q9QZK7  |
| No :<br>Immunogen :     | The antiserum was produced against synthesized peptide derived from human DOK3. AA range:101-150                          |
| Specificity :           | Dok-3 Polyclonal Antibody detects endogenous levels of Dok-3 protein.   |
| Formulation :           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source :                | Polyclonal, Rabbit,IgG  |
| Dilution :              | WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.            |
| Purification :          | The antibody was affinity-purified from rabbit antiserum by affinity-<br>chromatography using epitope-specific immunogen. |
| Concentration :         | 1 mg/ml   |
| Storage Stability :     | -15°C to -25°C/1 year(Do not lower than -25°C)  |



 Best Tools for immunology Research

 Observed Band :
 58kD

 Cell Pathway :
 B\_Cell\_Antigen

 Background :
 domain:PTB domain mediates receptor interaction.,function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL function.,PTM:Constitutively tyrosine-phosphorylated.,PTM:On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL

1 IRS-type PTB domain., similarity: Contains 1 PH domain., subunit: On tyrosine phosphorylation, interacts with CSK and INPP5D/SHIP1 via their SH2 domains. Both Tyr-381 and Tyr-398 are required for interaction with INPP5D. Only Tyr-381 is required for interaction with CSK. Binds ABL through the PTB domain and in a kinase-dependent manner. Does not interact with RasGAP.,tissue specificity:Expressed in spleen., **Function:** domain:PTB domain mediates receptor interaction.,function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL function., PTM: Constitutively tyrosinephosphorylated., PTM: On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL kinase.,similarity:Belongs to the DOK family. Type A subfamily.,similarity:Contains 1 IRS-type PTB domain., similarity: Contains 1 PH domain., subunit: On tyrosine phosphorylation, interacts with CSK and INPP5D/SHIP1 via their SH2 domains. Both Tyr-381 and Tyr-398 are required for interaction with INPP5D. Only Tyr-381 is required for interaction with CSK. Binds ABL through the PTB domain Cytoplasm . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Subcellular Location : Expressed in spleen. **Expression**:

kinase., similarity: Belongs to the DOK family. Type A subfamily., similarity: Contains

## **Products Images**









Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200