bs-22005R

[Primary Antibody]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DOK1 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 1796 SWISS: Q99704

Target: DOK1

Immunogen: KLH conjugated synthetic peptide derived from human DOK1:

1-100/481.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Docking protein 1 is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. Docking protein 1 contains a putative pleckstrin homology domain at the amino terminus and ten PXXP SH3 recognition motifs. Docking protein 2 binds p120 (RasGAP) from CML cells. It has been postulated to play a role in mitogenic

signaling.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

Reactivity: Rat (predicted: Human,

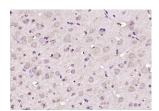
Mouse, Rabbit, Sheep, Cow,

Horse)

Predicted 53 kDa MW.:

Subcellular Cytoplasm

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DOK1) Polyclonal Antibody. Unconjugated (bs-22005R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

• [IF=4.4] Lijun Wang. et al. SHP2 ablation mitigates osteoarthritic cartilage degeneration by promoting chondrocyte anabolism through SOX9. FASEB J. 2024 Sep;38(17):e70013 WB; Mouse. 39225365