DOK2 Polyclonal antibody

Catalog Number:14087-1-AP

1 Publications

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Basic Information

Catalog Number:
14087-1-AP

Size:
150ul , Concentration: 1000 μg/ml by Nanodrop and 413 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5218

GenBank Accession Number:
BC032623

GeneID (NCBI):
9046

Full Name:
docking protein 2, 56kDa

Calculated MW:
412 aa, 45 kDa

Observed MW:
56 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2400
IHC 1:20-1:200

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells,

IHC : human lymphoma tissue,

Background Information

Docking protein 2 (Dok2) is an adapter protein which is involved in hematopoiesis. Dok2 is able to control Klf1 expression by transcriptional regulation through directly binding to its promoter region (PMID: 25075100).

Notable Publications

Author	Pubmed ID	Journal	Application
Tomoko Miyata-Takata	30102799	Histopathology	IHC

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

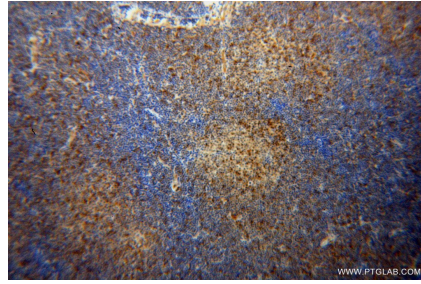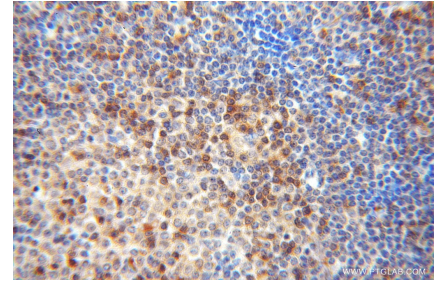***** 20ul sizes contain 0.1% BSA**

Selected Validation Data

Jurkat cells were subjected to SDS PAGE followed by western blot with 14087-1-AP (DOK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human lymphoma using 14087-1-AP (DOK2 antibody) at dilution of 1:100 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human lymphoma using 14087-1-AP (DOK2 antibody) at dilution of 1:100 (under 40x lens).