

Anti-DOK2 (pY299) Antibody

Rabbit polyclonal antibody to DOK2 (pY299) Catalog # AP59764

Product Information

Application WB, IP, IHC
Primary Accession O60496
Reactivity Human, Rat
Host Rabbit
Clonality Polyclonal
Calculated MW 45379

Additional Information

Gene ID 9046

Other Names Docking protein 2; Downstream of tyrosine kinase 2; p56(dok-2)

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human DOK2. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100) IP~~N/A

IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100)

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name DOK2

Function DOK proteins are enzymatically inert adaptor or scaffolding proteins. They

provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling.

Attenuates EGF-stimulated MAP kinase activation (By similarity).

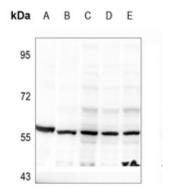
Tissue Location Highly expressed in peripheral blood leukocytes, lymph nodes and spleen.

Lower expression in thymus, bone marrow and fetal liver.

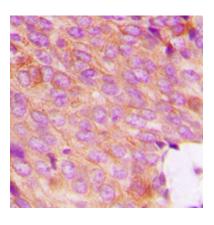
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DOK2. The

Images



Western blot analysis of DOK2 (pY299) expression in K562 (A), H9C2 (B), HEK293T-EGF-30min (C), HEK293T-EGF-15min (D), HEK293T (E) whole cell lysates.



Immunohistochemical analysis of DOK2 (pY299) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.