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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	Recognizes endogenous levels of DOK2 (pY299) protein.
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

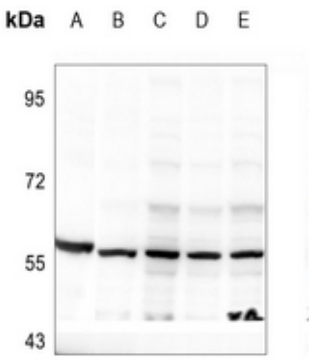
Protein Information

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.

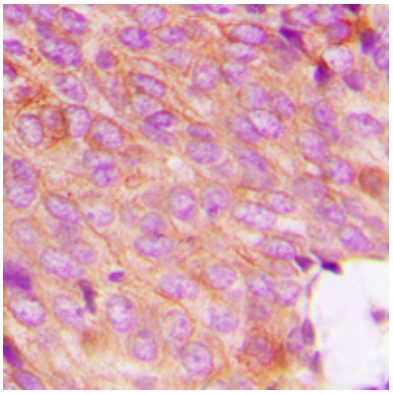
Background

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

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.