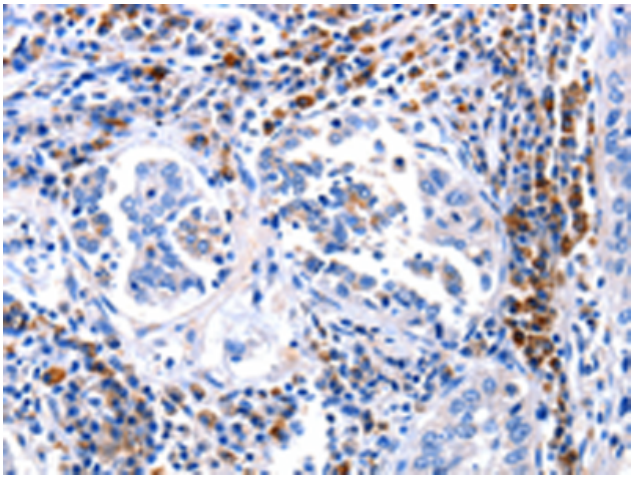
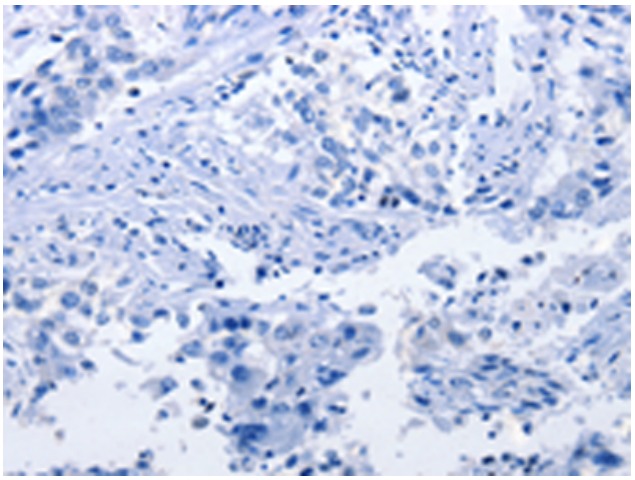
DOK3 RABBIT PAB

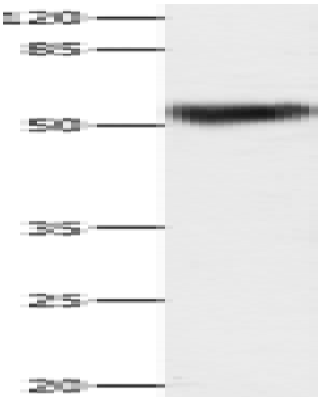
Cat.#: S216479
Product Name: Anti-DOK3 Rabbit Polyclonal Antibody
Synonyms: DOKL
UNIPROT ID: Q7L591 (Gene Accession - BC004564)
Background: DOK3 gene maps to chromosome 5q35.3. Dok3 was tyrosine phosphorylated by Src family members Lck, Fyn, and Lyn. Immunoprecipitation studies showed that Dok3 bound inhibitors SHIP and Csk but did not bind RasGAP. Dok3 binding to SHIP occurred via the SH2 domain. Dok3 also bound Csk via the Csk SH2 domain with possible involvement of the Csk SH3 domain as well.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 ABL1 function
Immunogen: Fusion protein of human DOK3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 1000-2000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 216479(DOK3 Antibody) at a dilution of 1/25(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 216479(Anti-DOK3 Antibody) at dilution 1/25.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane: Human notum skin cancer tissue;
Primary antibody: 216479(DOK3 Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds