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anti-TYRO3 antibody (C-Term)

Images

Overview

Alternative Name:



Quantity:	400 μL
Target:	TYRO3
Binding Specificity:	AA 842-873, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYRO3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This TYRO3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 842-873 amino acids from the C-terminal region of human TYRO3.
Clone:	RB1489
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	TYRO3

TYRO3 (TYRO3 Products)

Target Details

Background:

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

Molecular Weight:	96905
Gene ID:	7301
NCBI Accession:	NP_006284
UniProt:	Q06418
Pathways:	RTK Signaling

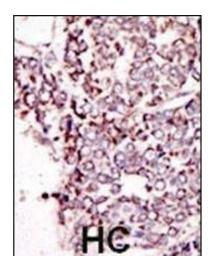
Application Details

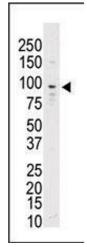
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
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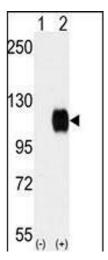
Restrictions: For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of anti-SKY Pab (ABIN392054 and ABIN2841821) in mouse brain lysate. SKY (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

Western Blotting

Image 3. Western blot analysis of SKY (arrow) using rabbit polyclonal SKY Antibody (C-term) (ABIN392054 and ABIN2841821). 293 cell lysates (2 μg/lane) either nontransfected (Lane 1) or transiently transfected with the SKY gene (Lane 2) (Origene Technologies).