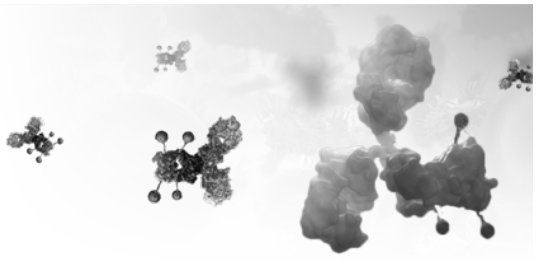

Anti-WNK1 monoclonal antibody, clone FQS3854(4) (DCABH-6070)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to WNK1
Antigen Description	Controls sodium and chloride ion transport by inhibiting the activity of WNK4, potentially by either phosphorylating the kinase or via an interaction between WNK4 and the autoinhibitory domain of WNK1. WNK4 regulates the activity of the thiazide-sensitive Na-Cl cotransporter, SLC12A3, by phosphorylation. WNK1 may also play a role in actin cytoskeletal reorganization.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human WNK1 aa 100-200 (Cysteine residue). The exact sequence is proprietary.Database link: Q9H4A3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS3854(4)
Conjugate	Unconjugated
Applications	WB, ICC/IF, Flow Cyt
Positive Control	293T and Human fetal brain lysates; 293T cells.
Format	Liquid
Size	100 µl
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

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Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	WNK1 WNK lysine deficient protein kinase 1 [Homo sapiens]
Official Symbol	WNK1
Synonyms	WNK1; WNK lysine deficient protein kinase 1; hereditary sensory neuropathy, type II , HSN2, PRKWNK1, protein kinase, lysine deficient 1; serine/threonine-protein kinase WNK1; HSAN2; erythrocyte 65 kDa protein; protein kinase with no lysine 1; prostate-de
Entrez Gene ID	65125
Protein Refseq	NP_001171914
UniProt ID	Q9H4A3
Chromosome Location	12p13.3
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem;
Function	ATP binding; nucleotide binding; phosphatase binding; protein binding; protein kinase inhibitor activity; protein serine/threonine kinase activity;

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