



# Anti-ARHGEF10 monoclonal antibody (DCABH-10592)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals.
<b>Immunogen</b>	A synthetic peptide of human ARHGEF10 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ARHGEF10 Rho guanine nucleotide exchange factor (GEF) 10 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ARHGEF10

<b>Synonyms</b>	ARHGEF10; Rho guanine nucleotide exchange factor (GEF) 10; rho guanine nucleotide exchange factor 10; Gef10; KIAA0294; GEF10; MGC131664; DKFZp686H0726;
<b>Entrez Gene ID</b>	<a href="#">9639</a>
<b>Protein Refseq</b>	<a href="#">NP_055444</a>
<b>UniProt ID</b>	<a href="#">O15013</a>
<b>Chromosome Location</b>	8p23
<b>Pathway</b>	Regulation of RhoA activity, organism-specific biosystem;
<b>Function</b>	Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; kinesin binding;