Datasheet for ABIN6746631

anti-PLEKHG2 antibody (AA 381-430)

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Overview

Quantity:	100 µL
Target:	PLEKHG2
Binding Specificity:	AA 381-430
Reactivity:	Human, Dog, Guinea Pig, Zebrafish (Danio rerio), Bat, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa381-430 of human PLEKHG2 (Q9H7P9, NP_073746). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Dog, Bat, Pig, Guinea pig, Zebrafish (100%), Mouse, Rat, Bovine, Rabbit (92%), Opossum (84%), Chicken, Stickleback (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human PLEKHG2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Pig, Guinea pig, Zebrafish (100%) Mouse, Rat, Bovine, Rabbit (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	PLEKHG2
Alternative Name:	PLEKHG2 (PLEKHG2 Products)
Background:	Name/Gene ID: PLEKHG2 Synonyms: PLEKHG2, CLG, ARHGEF42
Gene ID:	64857
NCBI Accession:	NP_073746
UniProt:	Q9H7P9

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:	Nagamine, Kudoh, Kawasaki, Minoshima, Asakawa, Ito, Shimizu: "Genomic organization and

complete nucleotide sequence of the TMEM1 gene on human chromosome 21q22.3." in: **Biochemical and biophysical research communications**, Vol. 235, Issue 1, pp. 185-90, (1997) (PubMed).

Scott, Chen, Rossier, Lalioti, Antonarakis: "Isolation of a human gene (HES1) with homology to an Escherichia coli and a zebrafish protein that maps to chromosome 21q22.3." in: **Human genetics**, Vol. 99, Issue 5, pp. 616-23, (1997) (PubMed).