

Product Datasheet

EBP50 Antibody

Catalog No: CY6604

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: O14745

All Names: SLC9A3R1; EBP50; NPHLOP2; NHERF; NHERF-1; NHERF1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 50 kDa

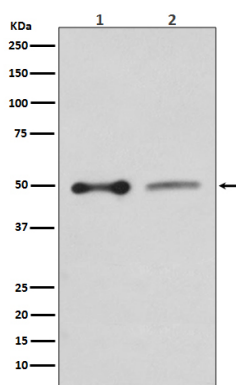
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for recycling of internalized ADRB2. Was first known to play a role in the regulation of the activity and subcellular location of SLC9A3. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May enhance Wnt signaling. May participate in HTR4 targeting to microvilli (By similarity). Involved in the regulation of phosphate reabsorption in the renal proximal tubules. Involved in sperm capacitation. May participate in the regulation of the chloride and bicarbonate homeostasis in spermatozoa.



Western blot analysis of EBP50 expression in (1) HepG2 cell lysate; (2) PC12 cell lysate.

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