

## bs-1945R-Cy3

### • Rabbit Anti-WNK3 protein Polyclonal Antibody, Cy3 Conjugated

Conjugated Primary Antibody

**Conjugation:** Cy3

**Excitation/Emission:** 510,550nm/570,615nm

**Target Protein:** WNK3 protein

**Gene ID:** Entrez Gene: [65267](#)

**Source:** KLH conjugated synthetic peptide derived from human WNK3 protein

**Purification:** purified by Protein A.

**Storage:**

Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and 0.09% sodium azide. Store at 4°C for 12 months

**Background:**

WNK3 (WNK lysine deficient protein kinase 3) belongs to the serine/threonine protein kinase family. It lacks the almost invariant catalytic lysine in subdomain II, which is important for binding ATP in the catalytic site. A conserved lysine in subdomain I is thought to provide this function. WNK3 activates Na<sup>+</sup>(K<sup>+</sup>)-Cl<sup>-</sup> cotransporters by increasing their phosphorylation and appears to be a crucial component of the kinase/phosphatase signaling pathway that coordinately regulates the Cl<sup>-</sup> influx and efflux branches of the SLC12A cotransporter family.

**Size:** 100ul

**Concentration:** 1ug/uL

**Host:** Rabbit

**Reactivities:** Human, Mouse, Rat, Bovine,

**Application:**

- IF ( 1:100-500)

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Note:**

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

For validation images and publications, please see [PRODUCT PAGE](#).