

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Wnt-6 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant mouse (rm) Wnt-4, rmWnt-8a, and rmWnt-9b is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Wnt-6 Met35-Glu75 and Gln238-Arg299 Accession # Q9Y6F9
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Human Wnt-6 is a 46 kDa, secreted, glycoprotein of the Wnt family. Human Wnt-6 is synthesized as a 365 amino acid (aa) precursor that contains a 341 aa mature region. The mature molecule contains 24 cysteines and one potential N-linked glycosylation site. Wnt-6 is produced by mammary fibroblasts and ductal epithelium, intestinal crypt cells, and limb bud ectoderm. Over the regions used as immunogen, the aa sequences of human, mouse, and canine Wnt-6 are identical.

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