

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Goosecoid in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Goosecoid Gly48-Arg159 Accession # P56915
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.
Immunocytochemistry	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

Goosecoid (GSC) is a 28 kDa member of the paired homeobox family. Human Goosecoid is 257 amino acids (aa) in length, and contains one DNA-binding homeodomain (aa 160-219). Goosecoid appearance correlates with the start of gastrulation and the development of both head/neck and upper body limb mesenchyme. It also appears abnormally in some tumors where it is associated with an epithelial-to-mesenchymal transition. Human Goosecoid shares 97% aa sequence identity with mouse Goosecoid.

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