

Product datasheet

Anti-CXCL16 antibody (Biotin) ab17518

Overview

Product name	Anti-CXCL16 antibody (Biotin)
Description	Rabbit polyclonal to CXCL16 (Biotin)
Conjugation	Biotin
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant protein (>98% purity) (Human).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: 0.1% BSA, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab17518** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		
WB		

Application notes

ELISA: Use at a concentration of 0.15 - 0.3 µg/ml. Allows the detection of at least 0.2 ng/well of recombinant human CXCL16.

WB: Use at a concentration of 0.1 - 0.2 µg/ml. The detection limit for recombinant human

CXCL16 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Predicted molecular weight: 33 kDa.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function	Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.
Tissue specificity	Expressed in T-cell areas. Expressed in spleen, lymph nodes, lung, kidney, small intestine and thymus. Weak expression in heart and liver and no expression in brain and bone marrow.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Post-translational modifications	Glycosylated.
Cellular localization	Cell membrane. Secreted. Also exists as a soluble form.

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