

Product Datasheet

ZNF148 Antibody (orb750490)

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|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number | orb750490 |
| Category | Antibodies |
| Description | ZNF148 antibody |
| Target | ZNF148 |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Isotype | Antiserum |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Form/Appearance | Liquid (sterile filtered) |
| Concentration | 90 mg/mL |
| Buffer/Preservatives | 0.1% (w/v) Sodium Azide |
| Purity | Anti-ZBP89 antibody was prepared from monospecific antiserum by delipidation and defibrination. This polyclonal antibody is specific for human ZBP-89. Reactivity with ZBP-89 from other species has not been determined. |
| Immunogen | Purified full length ZBP-89 recombinant protein expressed in E.coli. |
| UniProt ID | Q9UQR1 |
| Tested applications | ELISA, WB |
| Dilution range | ELISA: 1:10,000 - 1:30,000, WB: 1:5,000 |

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Application notes

This polyclonal antibody reacts with human ZBP-89 in a variety of tested immunological assays including western blot and ELISA. Although not tested, this antibody is likely functional in immunohistochemistry and immunoprecipitation. For immunoblotting a 1:5,000 dilution is recommended. A band at approximately 89 kDa corresponding to human ZBP-89 is detected. Human monocytes or macrophages or nuclear extracts from PMA treated U937 cells can be used as a positive control. For ELISA a 1:10,000 to 1:30,000 dilution is recommended. Researchers should determine optimal titers for other applications.

Antibody Type

Primary Antibody

Storage

Store ZBP89 Antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Dry Ice Shipping

Please note: This product requires shipment on dry ice. A dry ice surcharge will apply.

Note

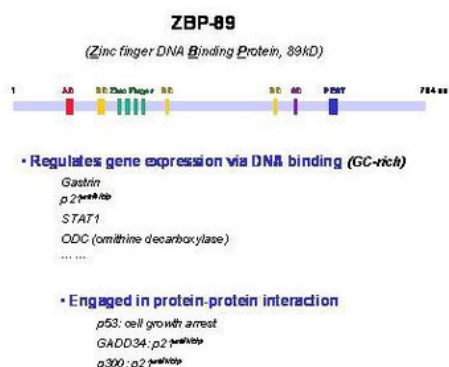
For research use only

NCBI

CAA15422.1

Expiration Date

12 months from date of receipt.



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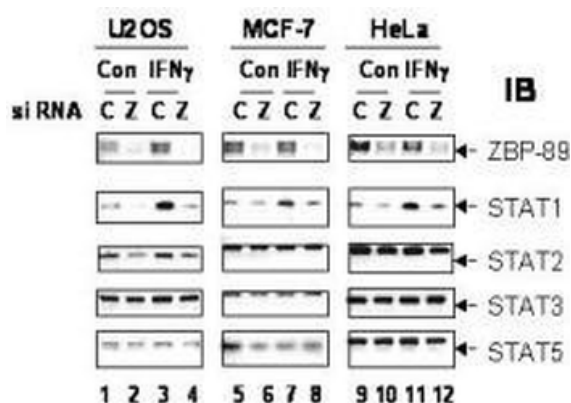
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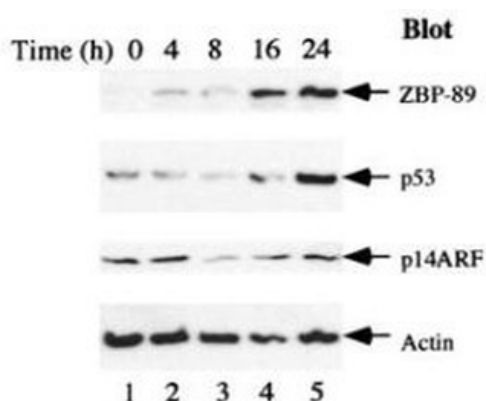
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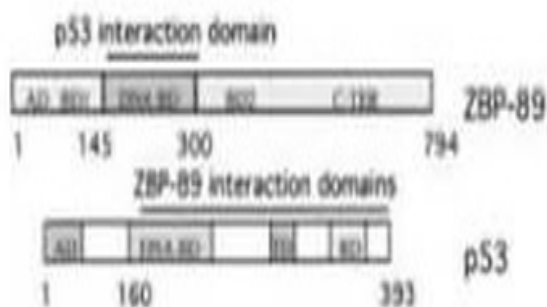
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Anti-ZBP-89 antibody used to confirm siRNA knockdown of ZBP-89.



Serum starvation induces ZBP-89 and p53 expression. AGS (gastric carcinoma) cells were cultured in serum-free F-12 medium for the indicated times, and western blots were used to detect the expression profiles of ZBP-89, p53, and p14ARF. Blotting was with Biorbyt's Rabbit-anti-ZBP-89 antibody. For detection use Biorbyt's HRP conjugated Gt-anti-Rabbit IgG MX10 (orb347654).



ZBP-89 interacts with p53 in vivo and in vitro. ZBP-89 interacts with amino acids 160 to 393 of p53. p53 contains an activation domain (AD), DNA binding domain (DNA BD), tetramerization domain (TD), and regulatory domain (RD). p53 binds to the zinc finger DNA binding domain of ZBP-89 (amino acids 154 to 300). ZBP-89 contains an acidic domain (AD), zinc finger DNA binding domain, basic domain (BD), and C-terminal domain (C-TER).

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