

Product datasheet

Anti-Transferrin antibody ab82411

★★★★★ [8 Abreviews](#) [50 References](#) [2 Images](#)

Overview

Product name	Anti-Transferrin antibody
Description	Rabbit polyclonal to Transferrin
Host species	Rabbit
Tested applications	Suitable for: IP, ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Guinea pig, Dog, Human
Immunogen	Full length protein corresponding to Human Transferrin. Database link: P02787

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab82411 in the following tested applications.

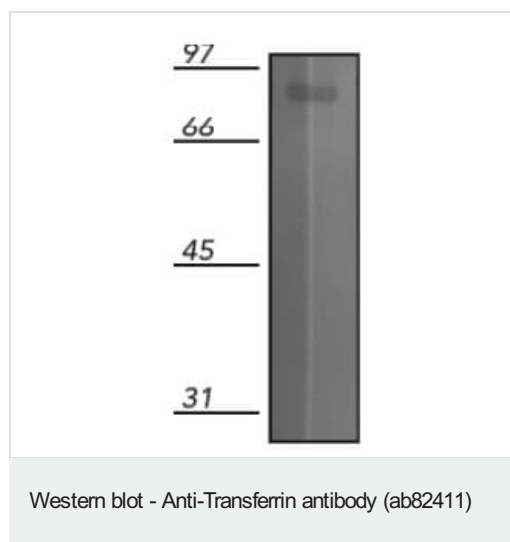
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
ICC/IF	★★★★★ (3)	Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
WB	★★★★★ (4)	1/10000. Predicted molecular weight: 77 kDa.

Target

Function	Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.
Tissue specificity	Expressed by the liver and secreted in plasma.
Involvement in disease	Defects in TF are the cause of atransferrinemia (ATRAF) [MIM:209300]. Atransferrinemia is rare autosomal recessive disorder characterized by iron overload and hypochromic anemia.
Sequence similarities	Belongs to the transferrin family. Contains 2 transferrin-like domains.
Cellular localization	Secreted.

Images

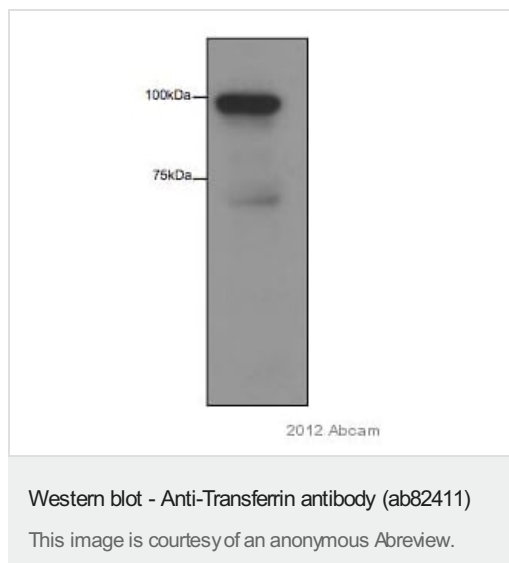


Anti-Transferrin antibody (ab82411) at 1/10000 dilution + rat apotransferrin

Developed using the ECL technique.

Predicted band size: 77 kDa

Observed band size: 77 kDa



Anti-Transferrin antibody (ab82411) at 1/1000 dilution + Mouse pancreatic acinar cells at 30 µg with Milk, 12 hours, 4°C at 5 %

Secondary

Goat anti-rabbit IgG (HRP conjugated) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 77 kDa

Exposure time: 10 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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