

Product datasheet

Anti-OP-2 antibody ab183879

1 References 3 Images

Overview

Product name	Anti-OP-2 antibody
Description	Rabbit polyclonal to OP-2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment within Human OP-2 aa 25-257. The exact sequence is proprietary. Database link: P34820
Positive control	U87-MG , SK-N-SH , IMR32 , SK-N-AS , Human OP-2-transfected 293T , mouse brain cell lysates.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab183879 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
WB		1/500 - 1/20000. Predicted molecular weight: 45 kDa.

Target

Function

Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis.

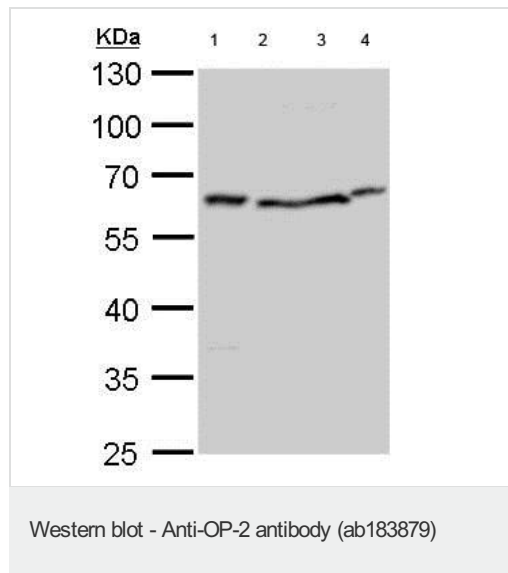
Sequence similarities

Belongs to the TGF-beta family.

Cellular localization

Secreted.

Images



All lanes : Anti-OP-2 antibody (ab183879) at 1/500 dilution

Lane 1 : U87-MG whole cell lysate

Lane 2 : SK-N-SH whole cell lysate

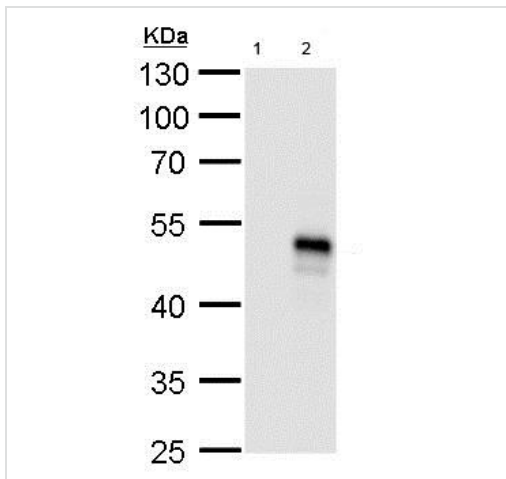
Lane 3 : IMR32 whole cell lysate

Lane 4 : SK-N-AS whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 45 kDa

10 % SDS-PAGE



Western blot - Anti-OP-2 antibody (ab183879)

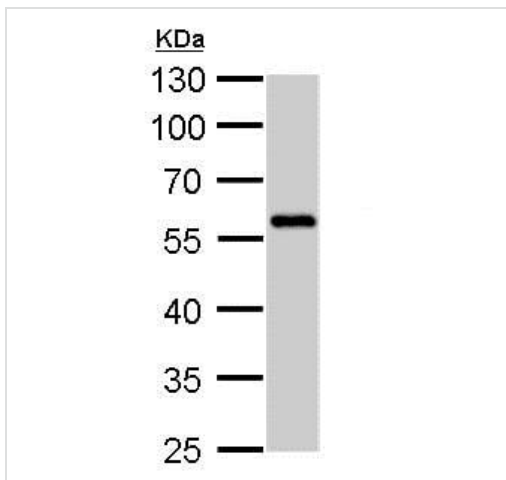
All lanes : Anti-OP-2 antibody (ab183879) at 1/20000 dilution

Lane 1 : 293T whole cell lysate

Lane 2 : Human BMP8b-transfected 293T cells whole cell lysate

Predicted band size: 45 kDa

10 % SDS-PAGE



Western blot - Anti-OP-2 antibody (ab183879)

Anti-OP-2 antibody (ab183879) at 1/500 dilution + mouse brain lysate at 50 µg

Predicted band size: 45 kDa

10 % SDS-PAGE

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

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