

Anti-MXRA8 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog,Pig,Cow,Sheep)
Molecular Weight:	Theoretical: 47 kDa. Actual: 56 kDa.
Purification:	Protein A purified

Applications

1. Sample:

Ovary (Mouse) Lysate at 40 µg

MCF-7 (Human) Cell Lysate at 30 µg

MD-MB-231 (Human) Cell Lysate at 30 µg

Primary: Anti-MXRA8 (TMAB-01188) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kDa

Observed band size: 47 kDa

2. Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MXRA8) Polyclonal Antibody, Unconjugated (TMAB-01188) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

3. Paraformaldehyde-fixed, paraffin embedded (human cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min;

Verified Activity:

Antibody incubation with (MXRA8) Polyclonal Antibody, Unconjugated (TMAB-01188) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

4. Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MXRA8) Polyclonal Antibody, Unconjugated (TMAB-01188) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

5. Sample:

Lane 1: Human U-2 OS cell lysates

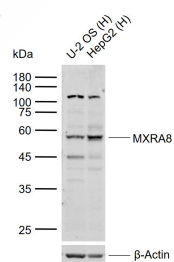
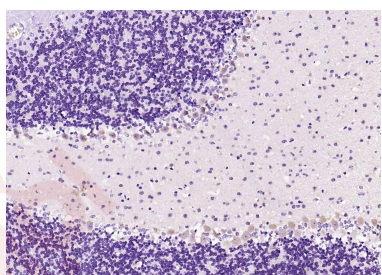
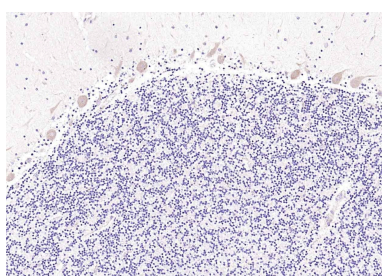
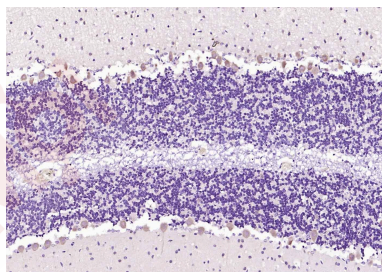
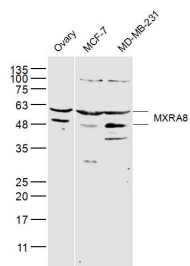
Lane 2: Human HepG2 cell lysates

Primary: Anti-MXRA8 (TMAB-01188) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kDa

Observed band size: 56 kDa



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human MXRA8
Antigen Species: Human
Gene ID: 54587
Uniprot ID: Q9BRK3
Synonyms: Asp3;Adipocyte-specific 3;Adipocyte-specific protein 3;Limitrin;DICAM
Biology Area: Other Antibodies

Research Background

MXRA8 is a 442 amino acid single-pass type I membrane protein that is implicated in the maintenance and maturation of the blood-brain barrier. Containing two Ig-like V-type (immunoglobulin-like) domains, MXRA8 exists as two alternatively spliced isoforms that are encoded by a gene that maps to human chromosome 1p36.33. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481