

Anti-Rat secretory IgA Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat
Molecular Weight:	Actual: 62 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Cerebrum (Rat) Tissue Lysate at 40 µg Lane 2: Spleen (Rat) Tissue Lysate at 40 µg Lane 3: Thymus (Rat) Tissue Lysate at 40 µg Lane 4: Brl-3a (Rat) Cell Lysate at 30 µg
Verified Activity:	Primary: Anti-Rat secretory IgA (TMAB-12121) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Observed band size: 62 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Rat secretory IgA
Antigen Species:	Rat

Research Background

Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B-cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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