
Anti Olfactory Marker Protein, Goat

<For Research Use Only>

Catalog # 544-10001 100 μ LStorage condition: Keep at -20°C

Preparation: The antiserum is from a goat that received multiple immunizations with rodent Olfactory Marker Protein (OMP). Goat antiserum to OMP (100uL) is diluted 1:1 with glycerol containing 0.05% sodium azide to facilitate shipment at ambient temperature.

Specificity: This goat antiserum is highly specific for mature olfactory neurons and their axons and terminals in tissue sections of many vertebrate species including rodents, humans, marsupials and amphibia.

Working Dilutions:

Western Blot	~1:50,000
Immunocytochemistry	1:200 (paraffin embedded material) ~1:50,000 (Vectastain-Elite with fixed floating sections)

Note: It is strongly recommended to perform a dilution series to establish optimal conditions.

Applications: Fixatives that have been used include paraformaldehyde, Bouin's, Zamboni's, acrolein, and the PLP fixative of Nakane. Zamboni's or 4% paraformaldehyde seem optimal.

Storage: Store at -20°C

Package: 100uL

References:

- 1) Baker *et al.* *J.Comp.: Neurol*, **285**, 246 (1989).
- 2) Buiakova *et al.* *Genomics*, **20**, 452 (1994).
- 3) Cummings *et al.* *J Comp Neurol*, **421**, 362 (2000).
- 4) Keller and Margolis: *J. Neurochem*, **24**, 1101 (1975).
- 5) Koo *et al.* *J. Neurochem*, **90**, 102 (2004).
- 6) RamaKrishna *et al.* *Brain Rsch*, **593**, 295 (1992).
- 7) Verhaagen *et al.* *J. Neurosci. Rsch*, **26**, 31 (1990).

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